

AD 750159

U. S. NAVAL WEATHER SERVICE COMMAND

SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS

SOUTHEAST ASIAN COASTAL MARINE AREAS

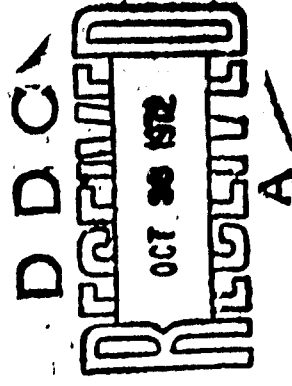
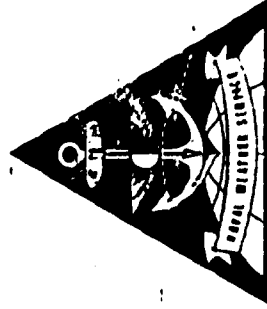
VOLUME 4

AREA 12 - VICTORIA POINT

AREA 13 - RANGOON

AREA 14 - PAGODA POINT

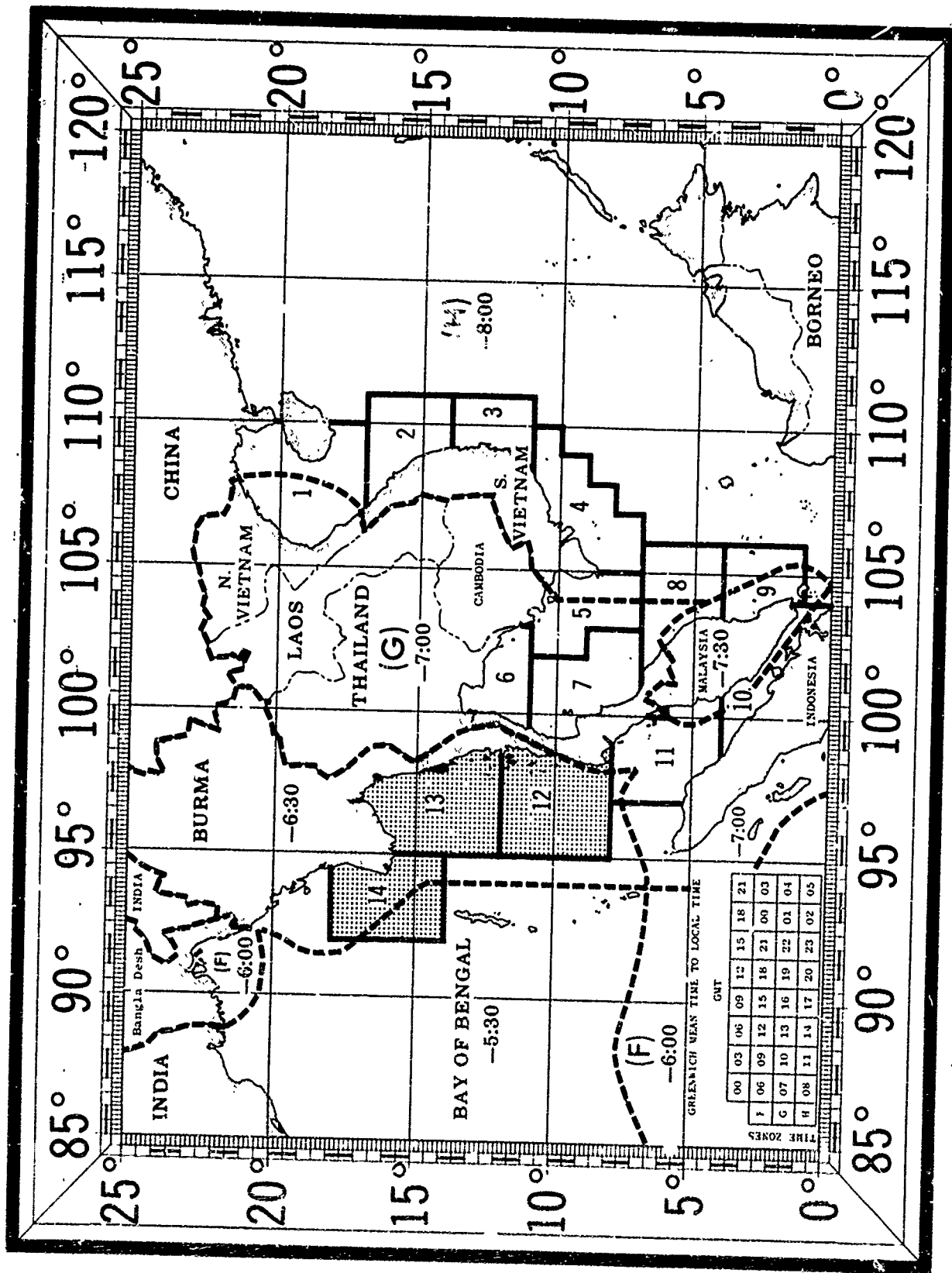
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September 1972

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Southeast Asian Coastal SSMO Areas and Standard Time Zones.

Shaded areas are included in this Volume.

A list of the area names and their central locations appears on the inside back cover.

Sum in AD-750159

ABSTRACT FOR VOLUME 4

U.S. NAVAL WEATHER SERVICE COMMAND, Summary of Synoptic Meteorological Observations (SSMO) for Southeast Asian Coastal Marine Areas, Volume 4, Area 12-Victoria Point, Area 13-Rangoon, Area 14-Pagoda Point.

Naval Weather Service Environmental Detachment
Federal Building, Asheville, N. C.

September 1972 474 p.

Descriptors: (Air-Sea Interface, Climatology, Coastal Marine Summary, Maps and Tables.) Percentage Frequency Occurrence of: Precipitation, Thunderstorms, Fog, Wind Speed, Wind Direction, Cloud Cover, Ceilings, Visibility, Relative Humidity, Air Temperature, Air-Sea Temperature Difference, Sea Heights, Wave Heights, Wave Periods, Sea Level Pressure.

Identifiers: Southeast Asian Coastal Marine Areas, Victoria Point, Rangoon, and Pagoda Point.

The data contained in these tables were obtained from Tape Data Family 11 (TDF-11) Marine Surface Observations. TDF-11 was primarily funded by the Naval Weather Service Command and selected by NWSED Asheville as the most comprehensive collection of marine surface observations from which to develop a series of Coastal Marine Summaries.

U. S. NAVAL WEATHER SERVICE COMMAND

SUMMARY OF

SYNOPTIC METEOROLOGICAL OBSERVATIONS

SOUTHEAST ASIAN COASTAL MARINE AREAS

VOLUME 4

AREA 12 - VICTORIA POINT
AREA 13 - RANGOON
AREA 14 - PAGODA POINT



PREPARED BY:
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Asheville, NC 28801

DATE	10/1/80
BY	W. J. ...
FOR	...
REMARKS	...
APPROVED	...
SIGNATURE	...
DATE	...

SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS (MONTHLY AND ANNUAL)

The data contained in these tables were obtained from tape data Family 11 (TDF-11), Marine Surface Observations. TDF-11 was primarily funded by the Naval Weather Service Command and selected by NWSED Asheville as the most comprehensive collection of marine surface observations from which to develop a series of coastal marine summaries. The source was punched cards of weather observations taken aboard vessels of varying registry. They were recorded on magnetic tape in a common format. Elements not in WMO code were converted to this code where possible. Where this was not possible, the original data were retained within the tape record as supplemental data. A very limited quality control was attempted as the punched cards were converted to taped records and, where possible, missing psychrometric data were computed.

Before the tables are prepared, extreme values of selected parameters are scrutinized so that obvious errors can be excluded. This method is necessarily subjective since the only available record of many observations is the punched card from which the tape records were prepared. Frequently there is no concrete evidence to prove or disprove the validity of questionable data.

Also, it should be noted that these data are based upon observations made by ships in passage. Such ships tend to avoid bad weather when possible, thus biasing our data toward good weather samples.

Because the number of observations may vary from one table to the other, no absolute relationship exists between the tables. As an example, air temperature counts for Tables 13 and 17 may not be identical since only observations containing both air temperature and relative humidity were counted in Table 13 and only those with both temperature and air-sea temperature difference were counted in Table 17. No requirement for simultaneous recording of all elements was made.

The primary period of record is that period (extending back in time from the most recent data) during which eighty percent of the total number of observations were recorded. The overall period is the earliest to the latest observed data used in compiling the tables. Tables 18 and 19 were tabulated from selected decks only and the overall period indicates the period of record of this data source. The primary period for these tables is not shown.

THE TABLES

Percentage frequencies are computed to hundredths and rounded to tenths. An asterisk (*) indicates percentage frequency > 0 and $< .05$. A value followed by a plus sign indicates greater than or equal to that value (8+ means 8 or greater). NH = low cloud amount (or middle cloud amount when low clouds are not present). The hours given in this publication are GMT.

The geographic position shown on the tables is the central position (centroid) of the observations within the area. This value may fall outside irregular areas.

Annual values are computed on the basis of the sum of the monthlies divided by the number of months.

Tables 1 through 19 appear in numerical order for each month, with the annual tables appearing after the tables for December. Tables 20 and 21 appear at the end of the entire series, after the annual summary for Table 19. The series of summaries appear in numerical order by area number.

Table 1 - Percentage Frequency of Weather Occurrence by Wind Direction (8 pts.).

Table 2 - Percentage Frequency of Weather Occurrence by Hour (GMT).

Table 3 - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction (8 pts.).

Table 3A - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction.

Table 4 - Percentage Frequency of Wind Speed by Hour (GMT). This table includes mean speed by hour.

Table 5 - Percentage Frequency of Total Cloud Amount (Octas) by Wind Direction (8 pts.). This table includes mean cloud amount by wind direction.

Table 6 - Percentage Frequency of Ceiling Heights (feet, NH > 4/8) and Occurrence of NH < 5/8 by Wind Direction (8 pts.).

Table 7 - Cumulative Percentage Frequency of Occurrence of Ceiling Height (feet, NH > 4/8) and Visibility (Nautical Miles).

Table 7A - Percentage Frequency of Low Cloud Amount (for Middle Cloud Amount if Low Clouds are not present). and Percentage Frequency of Sky Obscured. Amounts are in Octas.

Table 8 - Percentage Frequency of Wind Direction (8 pts.) vs. Occurrence or Non-Occurrence of Precipitation at Observation Time with Varying Values of Visibility (Nautical Miles).

Table 9 - Percentage Frequency of Wind Direction (8 pts.) vs. Wind Speed (kts.) with Varying Values of Visibility (Nautical Miles).

Table 10 - Percentage Frequency of Ceiling Heights (feet, NH > 4/8) and Occurrence of NH < 5/8 by Hour (GMT).

Table 11 - Percentage Frequency of Visibility (Nautical Miles) by Hour (GMT).

Table 12 - Cumulative Percentage Frequency of Ranges of Visibility (Nautical Miles) and Ceiling Height (feet, NH > 4/8) by Hour (GMT).

Table 13 - Percentage Frequency of Relative Humidity (%) by Air Temperature (° F.).

Table 14 - Percentage Frequency of Wind Direction (8 pts.) by Air Temperature (° F.).

Table 15 - Means, Extremes, and Percentiles of Air Temperature (° F.) by Hour (GMT). Extreme temperatures are the one maximum and one minimum value appearing in the marine data file. The extremes may be unrepresentative due to sampling errors. Extrapolation from the percentile values usually gives a better estimate of expected extreme conditions.

Table 16 - Percentage Frequency of Relative Humidity (%) by Hour (GMT).

Table 17 - Percentage Frequency of Air Temperature (° F.) and the Occurrence of Fog vs. Air-Sea Temperature Difference (° F.).

Air-Sea Temperature Difference is:

Positive when the air is warmer than the sea surface; Negative when the air is cooler than the sea surface. In the table heading, the limits of the temperature ranges appear in a vertical arrangement along the top of the table.

Table 18 - Percentage Frequency of Surface Wind Speed (kts.) and Direction (8 pts.) vs. Sea Height (feet). Source deck 128 for which data are available from mid-1963 was used for these tables. This deck represents the latest and most complete homogeneous source of wave data available. Here, only sea waves generated by local winds in the vicinity of the observer are summarized. This table continues for 2-1/2 pages for each month and 2-1/2 pages for the annual summary.

Table 19 - Percentage Frequency of Wave Height (feet) vs. Wave Period (seconds). In this table when both sea and swell waves are present in an observation, the higher of the two is used. If both are the same height, the longer period is chosen. When only one of the wave groups is observed, either sea or swell, it is used in the summary. Swell waves are those generated by winds distant from the local area where the observation is taken.

Tables 1-19 appear together for each month and in the annual summary. The following two tables appear at the end of the entire series for each area.

Note:

In this volume, percentage frequencies at specified hours of the day refer to percentages of observations taken at those hours, rather than percentages of observations taken at all hours. Data at adjacent hours are summarized with data at synoptic hours, i.e., data from 02 and 04 GMT are combined with data from 03 GMT.

Table 20 - Monthly and Annual Percentage Frequencies and Means of Sea Surface Temperature (° F.).

Table 21 - Monthly and Annual Sea Level Pressures (millibars). This table includes means by hour and for all hours, extreme values with the corresponding dates of occurrence and percentile values.

Contents		
<u>Area</u>	<u>Name</u>	<u>Page</u>
12	Victoria Point	1-158
13	Rangoon	159-316
14	Pagoda Point	317-474

Copies of this document are obtainable from the National Technical Information Service (NTIS), Springfield, Virginia 22151.

CONVERSION OF WIND AND WAVE DIRECTION TO 8 POINTS

A reduced bias system was employed in converting wind and wave directions to 8 points. This method attaches weighting values to observations which overlap two different 8 point sectors and treats them as 'decimal observation counts.' These decimal quantities are rounded to whole numbers for presentation as 'observational counts' in the tables. Figures 1-4 below show the 8 point system with other systems superimposed.

Note: Because of rounding, sub-total sums of 'observational counts' may not equal grand totals.

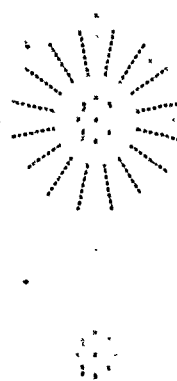


Fig 1 The 8 point direction system

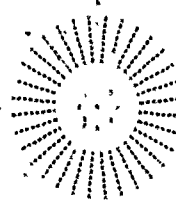


Fig 2 The 16 point direction system superimposed on the 8 point system

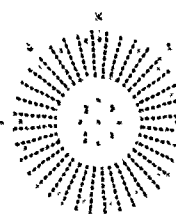


Fig 3 The 32 point direction system superimposed on the 8 point system

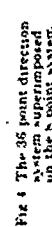


Fig 4 The 64 point direction system superimposed on the 8 point system

DIRECTION AND WEATHER CODES

VISIBILITY (VV)		PRESENT WEATHER (1960 WMO CODE 4677)			
CODE	INTERPRETATION (NAUTICAL MILES)	CODE	INTERPRETATION	CODE	INTERPRETATION
90-93	VV<1/2	58-59	RAIN	13,17	THUNDER
		60-65		95-99	LIGHTNING
94	1/2≤VV<1	91-94			THUNDERSTORM
		(68-69, 95, 97 IF TEMP >40°F)	RAIN SHOWERS	10-12	FOG (WITHOUT PRECIPITATION)
95	1≤VV<2	80-82, (83-84 IF TEMP >40°F)		40-49	
		50-55, 58-59		04-05	SNOKE HAZE
96	2≤VV<5	56-57	FREEZING PRECIPITATION	06-09	DUST
		66-67		30-39	BLOWING DUST BLOWING SNOW
97	5≤VV<10	70-75, 85-86, (68-69, 83-84, 95, 97 IF TEMP ≤40°F)		00-03	NO SIGNIFICANT WEATHER AT OB TIME
98	10≤VV<25		OTHER FROZEN PRECIPITATION	14-16	
				18-29	
99	≥25	76-79		00-49	NO PRECIPITATION AT OB TIME
		87-90	HAIL	50-99	PRECIPITATION AT OB TIME
		93-94			
		96, 99			

NOTE: <means less than;
>means greater than;

NOTE: <means less than; >means greater than; ≤means less than or equal to; ≥means greater than or equal to.

NOTE: The following WMO codes were counted in two weather categories. 58-59 (rain and drizzle); 68-69 (rain and snow); 93-94 (rain and hail); 96 and 99 (hail and thunder/lightning/thunderstorm); 95 and 97 (snow and thunder/lightning/thunderstorm), or (rain and thunder/lightning/thunderstorm).

WAVE HEIGHT (from source decks 128 and 116)

RECORDED CODE (HALF METERS)	RANGE (METERS)	AS RECORDED IN TABULATION (FEET)	RECORDED CODE (HALF METERS)	RANGE (METERS)	AS RECORDED IN TABULATION (FEET)	RECORDED CODE (HALF METERS)	RANGE (METERS)	AS RECORDED IN TABULATION (FEET)
00	≤.25}	<1	12	>5.75 to 6.25}	20-22	30	>14.75 to 15.25	
01	>.25 to .75}	1-2	13	>6.25 to 6.75}		31	>15.25 to 15.75	
02	>.75 to 1.25}	3-4	14	>6.75 to 7.25}	23-25	32	>15.75 to 16.25	49-60
03	>1.25 to 1.75}	5-6	15	>7.25 to 7.75}		33	>16.25 to 16.75	
04	>1.75 to 2.25}	7	16	>7.75 to 8.25}		34	>16.75 to 17.25	
05	>2.25 to 2.75}	8-9	17	>8.25 to 8.75}	26-32	35	>17.25 to 17.75	
06	>2.75 to 3.25}	10-11	18	>8.75 to 9.25}		36	>17.75 to 18.25	
07	>3.25 to 3.75}	12	19	>9.25 to 9.75}				
08	>3.75 to 4.25}	13-16	20	>9.75 to 10.25}		37	>18.25 to 18.75	
09	>4.25 to 4.75}		21	>10.25 to 10.75}	33-40	38	>18.75 to 19.25	61-70
10	>4.75 to 5.25}	17-19	22	>10.75 to 11.25}		39	>19.25 to 19.75	
11	>5.25 to 5.75}		23	>11.25 to 11.75}		40	>19.75 to 20.25	
			24	>11.75 to 12.25}		41	>20.25 to 20.75	
			25	>12.25 to 12.75}		42	>20.75 to 21.25	
			26	>12.75 to 13.25}				
			27	>13.25 to 13.75}	41-48	43	>21.25 to 21.75	71-86
			28	>13.75 to 14.25}		44	>21.75 to 22.25	
			29	>14.25 to 14.75}		45	>22.25 to 22.75	
						46	>22.75 to 23.25	
						47	>23.25 to 23.75	
						48	>23.75 to 24.25	
						49	>24.25 to 24.75	
						50	>24.75 to 25.25	
						51	>25.25 to 25.75	
						52	>25.75 to 26.25	
						53-99	>26.25 to 49.75}	≥87
						Indeterminate-INDET		

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				PCPN	FRZG	SNOW					FOG	SHOKE	DUST	NO	
N	.2	.0	.1	.0	.0	.0	.0	.3		.2	.4	.0	.0	.0	23.3
NE	.4	.2	.0	.0	.0	.0	.0	.7		.4	.6	.0	.0	.0	41.6
E	.2	.0	.0	.0	.0	.0	.0	.2		.2	.9	.0	.0	.0	19.1
SE	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	3.5
S	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.5
SW	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.1
W	.0	.0	.0	.0	.0	.0	.0	.0		.2	.0	.0	.0	.0	.7
NW	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	5.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
TOT OBS	4	1	1	0	0	0	0	6		.5	10	0	0	0	481
TOT PCT	.8	.2	.2	.0	.0	.0	.0	1.2		1.0	2.0	.0	.0	.0	96.0

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCPN AT OB TIME	TOTAL PCPN	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				PCPN	FRZG	SNOW					PCPN	FOG	SHOKE	DUST	
00003	1.4	.0	.0	.0	.0	.0	.0	1.4		.0	9.5	.0	.0	.0	89.2
06009	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	100.0
12015	.0	.8	.8	.0	.0	.0	.0	1.5		1.5	1.5	.0	.0	.0	95.4
18021	2.5	.0	.0	.0	.0	.0	.0	2.5	6	2.5	.8	.0	.0	.0	95.0
TOT	4	1	1	0	0	0	0	6		5	10	0	0	0	485
PCT	.8	.2	.2	.0	.0	.0	.0	1.2		1.0	2.0	.0	.0	.0	96.0

JANUARY

PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 2

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS);										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21				
N	3.4	15.1	2.5	.0	.0	.0	.0	25.0	7.0	21.7	18.4	14.2	30.3	33.8	33.2	28.7	25.0				
NE	3.4	29.9	7.2	.1	.0	.0	.0	40.6	8.1	43.1	36.8	49.5	36.0	35.0	35.3	37.3	43.3				
E	.9	17.3	5.5	.0	.0	.0	.0	23.7	8.8	26.6	39.5	29.7	14.9	17.2	17.7	23.2	23.9				
SE	.3	2.0	.9	.0	.0	.0	.0	3.2	8.4	4.6	2.6	2.5	5.7	.0	3.9	2.9	3.4				
S	.0	.2	.1	.0	.0	.0	.0	.3	8.9	1.0	.9	.3	.0	.0	.9	.0	.0				
SW	.1	.3	*	.0	.0	.0	.0	.4	6.4	.3	.0	.5	.9	1.3	.0	.0	.0				
W	.1	.4	.0	.0	.0	.0	.0	.5	5.0	.0	.0	.0	1.8	2.5	.4	.0	.0				
NW	.7	3.1	.7	.0	.0	.0	.0	4.4	7.1	2.6	1.8	2.3	7.9	10.3	4.3	5.5	1.9				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	1.8	633	148	1	0	0	876	1.8	.0	.0	.0	1.0	2.6	.0	4.3	2.5	2.5				
TOT OBS	94	72.3	16.9	.1	.0	.0	876	100.0	7.8	76	57	192	114	80	116	122	119				
TOT PCT	10.7							100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21	
N	13.1	10.9	1.0	.0	.0	.0	25.0	7.0	20.3	20.2	33.4	26.9					
NE	14.2	22.4	2.0	.0	.0	.0	40.6	8.1	40.4	44.4	35.2	40.2					
E	8.0	13.9	1.9	.0	.0	.0	23.7	8.8	32.1	24.2	17.5	23.5					
SE	1.1	2.1	*	.0	.0	.0	3.2	8.4	3.8	3.7	2.3	3.1					
S	.1	.2	.0	.0	.0	.0	.3	8.9	.9	.2	.5	.0					
SW	.2	.1	.0	.0	.0	.0	.4	6.4	.2	.7	.5	.0					
W	.4	.1	.0	.0	.0	.0	.5	5.0	.0	.7	1.3	.0					
NW	2.6	1.6	.3	.0	.0	.0	4.4	7.1	2.3	4.4	6.8	3.7					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	1.8	449	45	0	0	876	1.8	.0	.0	1.6	2.6	2.5					
TOT OBS	382	51.3	5.1	.0	.0		100.0	7.8	133	306	196	241					
TOT PCT	43.6								100.0	100.0	100.0	100.0					

JANUARY

PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
00003	.0	6.0	78.2	15.8	.0	.0	.0	8.3	100.0	133
06009	1.6	7.8	72.2	18.3	.0	.0	.0	7.8	100.0	306
12015	2.6	11.2	70.4	15.3	.5	.0	.0	7.4	100.0	196
18021	2.5	10.0	70.5	17.0	.0	.0	.0	7.7	100.0	241
TOT	16	78	633	148	1	0	0	7.8		876
PCT	1.8	8.9	72.3	16.9	.1	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 &	OBSCD	TOTAL OBS	MEAN CLOUD COVER
N	11.5	4.4	3.9	.0	.0		2.5
NE	27.9	9.6	6.1	2.0			2.5
E	13.5	6.4	3.4	1.2			2.6
SE	.2	.8	.0	2.2			6.2
S	.0	.0	.5	.0			7.0
SW	.0	.7	.2	.0			4.6
W	1.7	.0	.7	.0			3.5
NW	1.7	1.4	.8	.0			3.3
VAR	.0	.0	.0	.0			.0
CALM	1.4	.0	.0	.0			.0
TOT OBS	84	33	23	8		148	2.7
TOT PCT	56.8	22.3	15.5	5.4		100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <4/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3500	6499	6500	8000+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	.0	.0	.0	.0	.0	.0	18.4
NE	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	41.9
E	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	23.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.7	1.4	.0	.0	.0	.0	.0	93.2
																	100.0

PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

JANUARY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/5) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)				
	= OR >10	= OR >5	= OR >2	= OR >1	= OR >1/2
= OR >6500	.0	.0	.0	.0	.0
= OR >5000	.0	.0	.0	.0	.0
= OR >3500	.7	1.3	1.3	1.3	1.3
= OR >2000	1.3	2.0	2.0	2.0	2.0
= OR >1000	3.3	5.9	5.9	5.9	5.9
= OR >600	3.3	6.6	6.6	6.6	6.6
= OR >300	3.3	6.6	6.6	6.6	6.6
= OR >150	3.3	6.6	6.6	6.6	6.6
= OR >0	3.3	6.6	6.6	6.6	6.6
TOTAL	5	10	10	10	10

TOTAL NUMBER OF OBS: 152

PCT FREQ NH <5/8: 93.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
22.5	34.4	20.6	9.4	5.0	1.9	3.1	2.5	.6	.0	160

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PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
	TOT % .1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
2<5	PCP .2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
	NO PCP .2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8
	TOT % .4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.2
5<10	PCP .0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4
	NO PCP 2.6	3.6	2.2	.1	.2	.3	.3	.2	.0	.2	.2	9.6
	TOT % 2.6	3.8	2.4	.1	.2	.3	.3	.2	.0	.2	.2	10.0
10+	PCP .1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
	NO PCP 21.0	38.5	17.6	3.4	.3	.6	.6	5.4	.0	.8	.8	88.2
	TOT % 21.1	38.8	17.6	3.4	.3	.6	.6	5.4	.0	.8	.8	88.5
TOT OBS												501
TOT PCT	24.2	43.2	20.4	3.5	.5	.6	.9	5.6	.0	1.0	100.0	

PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

JANUARY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
2<5	0-3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4
	4-10	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.7	.7
	11-21	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.3	.5	.3	.1	.0	.0	.0	.0	.0	.0	1.2	1.2
5<10	0-3	.4	.4	.3	.0	.0	.0	.1	.1	.0	.1	1.4	1.4
	4-10	1.6	2.3	1.3	.1	.1	.0	.1	.1	.0	.0	5.6	5.6
	11-21	.1	.1	.3	.1	.1	.0	.0	.0	.0	.0	.7	.7
	22+	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	TOT %	2.1	3.0	1.9	.1	.2	.0	.2	.2	.1	.1	7.8	7.8
10+	0-3	3.0	2.8	.3	.3	.0	.1	.1	.7	.0	1.6	8.9	8.9
	4-10	17.0	29.9	15.7	2.3	.2	.3	.3	3.2	.0	.0	69.0	69.0
	11-21	1.1	6.0	4.8	.9	.0	.0	.0	.1	.0	.0	12.9	12.9
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	21.1	38.7	20.8	3.4	.2	.4	.4	4.0	.0	1.6	90.8	90.8
TOT OBS													728
TOT PCT		23.6	42.3	23.0	3.6	.4	.4	.6	4.2	.0	1.8	100.0	

JANUARY

PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	5.3	.0	2.6	.0	.0	.0	7.9	92.1	38
06009	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	2.5	97.5	40
12015	.0	.0	.0	.0	5.1	2.0	.0	.0	.0	.0	8.2	91.8	49
18021	.0	.0	.0	.0	3.3	.0	3.3	.0	.0	.0	6.7	93.3	30
TOT PCT	0 .0	0 .0	0 .0	1 .6	6 3.3	1 .6	2 1.3	0 .0	0 .0	0 .0	10 6.4	147 93.6	157 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	8.3	19.4	72.2	36
06009	.0	.0	.0	.0	10.0	90.0	40
12015	.0	.0	.0	.0	10.4	89.6	48
18021	.0	.0	.0	.0	7.1	92.9	28
TOT PCT	0 .0	0 .0	0 .0	3 2.0	18 11.8	131 86.2	152 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 CEILING	< 500 CEILING	< 1000 CEILING	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	8.3	8.3	83.3	36
06009	.0	.0	2.5	.0	97.5	40
12015	.0	.0	.0	8.3	91.7	48
18021	.0	.0	.0	7.1	92.9	28
TOT PCT	0 .0	0 .0	4 2.6	9 5.9	139 91.4	152 100.0

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PERIOD: (PRIMARY) 1926-1971
(OVER-ALL) 1857-1971

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.0	.8	.0	.0			1	.8
80/84	.0	.0	.8	3.0	6.0	36.8	30.8	6.8			112	84.2
75/79	.0	.0	.0	.0	2.3	3.8	6.0	3.0			20	15.0
TOTAL	0	0	1	4	11	55	49	13			133	100.0
PCT	.0	.0	.8	3.0	8.3	41.4	36.8	9.8				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0
13.9	41.0	19.9	3.6	.6	.9	1.5	2.1	.0	.8	.0
1.5	8.1	4.7	.0	.0	.0	.0	.8	.0	.0	.0
15.4	49.1	25.4	3.6	.6	.9	1.5	2.8	.0	.8	.8

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00003	86	85	83	81	76	75	73	80.2	134	
06009	89	88	86	82	79	75	75	82.1	304	
12015	88	86	84	81	77	73	73	81.0	196	
18021	84	83	82	80	75	75	74	79.9	235	
TOT	89	88	84	81	77	75	73	81.0	859	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
00003	.0	3.0	6.1	36.4	36.4	18.2	80	33		
06009	.0	5.6	8.3	55.6	27.8	2.8	76	36		
12015	.0	2.5	12.5	37.5	40.0	7.5	78	40		
18021	.0	3.7	3.7	40.7	40.7	11.1	79	27		
TOT	0	5	11	58	49	13	78	136		

PERIOD: (PRIMARY) 1926-1971
(COVER-ALL) 1857-1971

JANUARY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	TOT	W	W FOG
5	.0	.2	2.2	.9	15	.0	3.2
4	.0	.2	3.0	1.7	23	.0	4.9
3	.0	.0	.2	.0	1	.0	.2
2	.0	.6	11.4	.4	58	.2	12.3
1	.0	.2	3.2	.2	17	.0	3.7
0	.6	6.7	26.7	.4	160	.4	34.0
-1	.0	2.8	5.6	.0	39	.0	8.4
-2	1.1	6.7	13.1	.0	97	.2	20.6
-3	.0	.9	.4	.0	6	.4	.9
-4	1.5	2.4	2.2	.0	28	.2	5.8
-5	1.3	2.2	.2	.0	17	.6	3.0
-6	.0	.2	.0	.0	1	.0	.2
-7/-8	.6	.0	.0	.0	3	.0	.6
TOTAL	24	107	317	17	465	10	455
PCT	5.2	23.0	68.2	3.7	100.0	2.2	97.8

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TABLE 18

AREA 0012 VICTORIA POINT
9.7N 96.8E

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.5	1.5	.0	.0	.0	.0	3.1	3.1	9.2	.0	.0	.0	.0	12.3	.0	.0	.0	.0	.0	.0	12.3
1-2	.0	7.7	.0	.0	.0	.0	7.7	.0	21.2	4.6	.0	.0	.0	25.8	.0	.0	.0	.0	.0	.0	25.8
3-4	.0	.0	.0	.0	.0	.0	.0	.0	7.7	1.5	.0	.0	.0	9.2	.0	.0	.0	.0	.0	.0	9.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.5	9.2	.0	.0	.0	.0	10.8	3.1	38.1	6.2	.0	.0	.0	47.3	.0	.0	.0	.0	.0	.0	.0

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.5	4.6	.0	.0	.0	.0	6.2	.0	1.5	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
1-2	.0	9.6	.0	.0	.0	.0	9.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	3.1	6.2	.0	.0	.0	9.2	1.5	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
5-6	.0	.0	1.5	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	4.6	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.5	17.3	12.3	.0	.0	.0	31.2	1.5	1.5	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	1.5
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	1.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.5	.0	.0	.0	.0	1.5	.0	3.1	.0	.0	.0	.0	3.1
1-2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	1.5
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.5	.0	.0	.0	.0	1.5	.0	4.6	.0	.0	.0	.0	4.6

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PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	6.2	23.1	.0	.0	.0	.0	29.2	65
1-2	.0	40.0	4.6	.0	.0	.0	44.6	
3-4	1.5	10.8	7.7	.0	.0	.0	20.0	
5-6	.0	.0	1.5	.0	.0	.0	1.5	
7	.0	.0	4.6	.0	.0	.0	4.6	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	7.7	73.8	18.5	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	16.5	42.1	18.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	95	2
6-7	.0	3.3	4.1	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	3
8-9	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	7
10-11	.0	.0	.0	1.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	6
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDET	1.7	4.1	.8	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	3
TOTAL	22	60	28	5	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	121	2
PCT	18.2	49.6	23.1	4.1	3.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1857-1971

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AREA 0012 VICTORIA POINT
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TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	TDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	FRZN PCPN					FOG	SMOKE	HAZE	BLWG	DUST	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	27.4
NE	.0	.0	.0	.0	.0	.0	.0	.2	.4	.4	.4	.2	.0	.0	.0	30.4
E	.0	.2	.0	.0	.0	.0	.0	.0	.2	.6	.3	.0	.0	.0	.0	16.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.0	6.6
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	1.1
SH	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	7.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	1	1	1	0	0	0	0	.0	3	.5	.1	.1	.0	.0	.0	516
TOT PCT	.2	.2	.2	.0	.0	.0	.0	.6	.9	2.1	.2	.0	.0	.0	.0	96.3

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GHT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	PCPN	FOG	SMOKE	DUST	NO	TOTAL OBS
				PCPN	FRZG	SNOW	OTHER										
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0	.0	95.0	
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.5	.0	.0	97.9	
12015	.0	.0	1.4	.0	.0	.0	.0	.0	1.4	1.4	.0	1.4	.0	.0	.0	97.1	
18021	.8	.8	.0	.0	.0	.0	.0	.0	1.5	1.5	3.5	1.5	.0	.0	.0	93.2	
TOT	1	1	2	0	0	0	0	0	.7	4	5	11	1	1	0	519	540
PCT	.2	.2	.3	.0	.0	.0	.0	.0	.7	4	.9	2.0	.2	.2	.0	96.1	

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PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1857-1971

AREA 0012 VICTORIA POINT
9.7N 96.7E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	4.3	22.3	1.8	.0	.0	.0	28.4	6.4			29.7	24.4	20.8	28.3	36.5
NE	3.5	24.2	4.4	.0	.0	.0	32.1	7.2			35.5	31.7	39.0	31.5	19.9
E	1.7	12.3	3.9	.0	.0	.0	17.9	8.1			16.9	27.4	23.1	14.1	11.3
SE	.8	3.1	.9	.0	.0	.0	4.8	7.4			10.8	6.1	5.8	2.9	5.4
S	.7	.6	.4	.0	.0	.0	1.3	4.5			.0	1.2	1.3	.7	2.4
SW	.6	.4	.1	.0	.0	.0	1.0	4.5			1.4	.0	.8	1.1	3.0
W	1.0	1.8	.3	.0	.0	.0	3.0	5.3			2.4	2.4	4.3	6.8	2.4
NW	1.7	5.3	.5	.0	.0	.0	7.5	6.2			3.4	3.0	4.7	12.0	11.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0
CALM	4.1	724	124	0	0	0	4.1	.0			.0	.0	.0	.0	.0
TOT OBS	189	724	124	0	0	0	1037	6.6			74	62	212	138	84
TOT PCT	18.2	69.8	12.0	.0	.0	.0	100.0				100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40											00	06	12	18	21
N	16.9	11.4	.1	.0	.0	.0	.0	.0			.0		28.4	6.4	26.9	23.7	35.5	29.1	
NE	16.2	15.3	.6	.0	.0	.0	.0	.0			.0		32.1	7.2	33.5	36.1	24.3	32.5	
E	7.3	10.1	.6	.0	.0	.0	.0	.0			.0		17.9	8.1	22.4	19.6	13.4	17.1	
SE	2.3	2.4	*	.0	.0	.0	.0	.0			.0		4.8	7.4	8.3	4.6	3.3	4.3	
S	1.0	.3	.0	.0	.0	.0	.0	.0			.0		1.3	4.5	.6	1.1	2.6	.9	
SW	.8	.2	.0	.0	.0	.0	.0	.0			.0		1.0	4.5	.6	.9	1.3	1.2	
W	2.2	.8	.0	.0	.0	.0	.0	.0			.0		3.0	5.3	2.4	2.4	4.1	3.1	
NW	4.6	2.8	.1	.0	.0	.0	.0	.0			.0		7.5	6.2	3.2	7.6	10.1	7.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0			.0		.0	.0	.0	.0	.0	.0	
CALM	4.1	449	15	0	0	0	4.1	.0			.0		4.1	.0	1.9	.0	5.3	4.3	
TOT OBS	573	43.3	1.4	.0	.0	.0	1037	6.6			.0		100.0		156	350	227	304	
TOT PCT	55.3	43.3	1.4	.0	.0	.0	100.0				.0		100.0		100.0	100.0	100.0	100.0	

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PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47				
00003	1.9	9.6	73.1	15.4	.0	.0	.0	7.1	100.0	156
06009	4.0	13.7	68.2	13.4	.0	.0	.0	6.9	100.0	350
12015	5.3	19.4	66.1	9.3	.0	.0	.0	6.1	100.0	227
18021	4.3	13.2	72.0	10.5	.0	.0	.0	6.5	100.0	304
00027	4.2	14.7	72.4	12.4	.0	.0	.0	6.6	100.0	1037
PCT	4.1	14.2	69.8	12.0	.0	.0	.0		100.0	

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & OBSCD	TOTAL OBS	NEAN CLOUD COVER
N	11.2	9.1	7.3	.7		3.5
NE	9.4	7.7	7.9	2.3		3.8
E	3.8	4.5	6.5	1.9		4.4
SE	2.6	3.8	1.7	.0		3.3
S	1.5	.0	.0	.5		4.5
SW	1.4	.0	.9	.2		3.9
W	1.0	1.2	.5	.5		3.9
NW	2.1	4.4	2.4	.2		3.7
VAR	.0	.0	.0	.0		.0
CALM	1.4	.0	1.4	.7		4.4
TOT OBS	48	44	41	10	143	
PCT	33.6	30.6	28.7	7.0	100.0	3.8

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

3000 2999	300 299	600 599	1000 999	2000 1999	3500 3499	5000 4999	6500 6499	8000+ 7999	NH <5/8 ANY HGT OBS	TOTAL OBS
0	0	0	1.2	0	7	7	0	0	25.7	
0	0	0	0.9	0	0	0	0	0.2	26.2	
0	0	0	1.0	7	0	0	0	0.5	14.5	
0	0	0	2	7	0	0	0	0	7.3	
0	0	0	0	0	0	0	0	0	1.0	
0	0	7	0	2	0	0	0	0	1.6	
0	0	0	0	5	0	0	0	0	2.8	
0	0	0	9	0	0	0	0	0	8.2	
0	0	0	0	0	0	0	0	0	0	
0	0	7	7	0	0	0	0	0	2.1	
0	0	2	7	3	0	0	0	0	1.28	143
0	0	1.4	4.9	2.1	7	7	0	1	89.5	100.0

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1857-1971

FEBRUARY

AREA 0012 VICTORIA POINT
9.7N 96.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>0	>0	>0	>0
OR >6500	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
OR >5000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
OR >3500	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
OR >2000	3.4	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
OR >1000	6.3	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
OR >600	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
OR >300	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
OR >150	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
OR >0	9.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
TOTAL	14	16	16	16	16	16	16	16	16	16	16	16

TOTAL NUMBER OF OBS: 145 PCT FREQ NH < 5/8: 89.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL
	12.4	26.0	31.1	13.0	5.1	5.1	4.5	.6	2.3	.0	177

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1857-1971

FEBRUARY

AREA 0012 VICTORIA POINT
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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

WSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	PCP .0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2
2<5	PCP .0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
	NO PCP .1	.2	.2	.1	.0	.4	.0	.0	.0	.0	.9	.9
	TOT % .1	.4	.2	.1	.0	.4	.0	.0	.0	.0	1.1	1.1
5<10	PCP .0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2
	NO PCP 2.6	4.0	1.6	.3	.1	.3	.5	.8	.0	.2	10.4	10.4
	TOT % 2.6	4.0	1.8	.3	.1	.3	.5	.8	.0	.2	10.6	10.6
10+	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP 25.0	27.1	15.3	6.7	1.1	1.0	2.7	7.2	.0	2.1	88.1	88.1
	TOT % 25.0	27.1	15.3	6.7	1.1	1.0	2.7	7.2	.0	2.1	88.1	88.1
TOT OBS												
TOT PCT	27.6	31.5	17.3	7.1	1.2	1.8	3.2	8.0	.0	2.2	100.0	536

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1857-1971

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AREA 0012 VICTORIA POINT
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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5
	4-10	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT *	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT *	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	4-10	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT *	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.3	.2	.1	.0	.0	.0	.0	.0	.1	.7
	11-21	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT *	.1	.4	.3	.1	.0	.0	.0	.0	.0	.1	1.2
5<10	0-3	.4	.3	.2	.1	.1	.1	.2	.2	.0	.2	1.7
	4-10	1.3	2.2	.6	.1	.0	.0	.2	.3	.0	.0	4.7
	11-21	.2	.1	.4	.1	.0	.1	.0	.2	.0	.0	1.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT *	1.8	2.6	1.2	.2	.1	.2	.4	.7	.0	.2	7.4
10+	0-3	3.3	3.1	1.4	.9	.4	.4	.8	1.3	.0	3.5	15.1
	4-10	21.8	21.4	12.2	3.2	.6	.3	1.4	5.4	.0	.0	66.3
	11-21	.6	3.4	3.5	.8	.1	.0	.3	.1	.0	.0	8.7
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT *	25.7	27.9	17.0	5.0	1.1	.6	2.5	6.8	.0	3.5	90.1
TOT OBS												827
TOT PCT		28.5	31.2	18.5	5.2	1.2	1.2	2.9	7.4	.0	3.9	100.0

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL DBS
00003	.0	.0	.0	.0	2.3	.0	.0	2.3	.0	.0	4.7	95.3	43
06009	.0	.0	.0	4.7	2.3	2.3	.0	.0	.0	.0	9.3	90.7	43
12015	.0	.0	.0	.0	4.7	2.3	2.3	.0	.0	.0	9.3	90.7	43
18021	.0	.0	.0	.0	7.1	2.4	2.4	.0	.0	2.4	14.3	85.7	42
TOT	0	0	0	2	7	3	2	1	0	1	16	155	171
PCT	.0	.0	.0	1.2	4.1	1.8	1.2	.6	.0	.6	9.4	90.6	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL DBS
00003	.0	.0	.0	.0	13.9	86.1	36
06009	.0	.0	.0	.0	8.8	91.2	34
12015	.0	.0	.0	.0	10.5	89.5	38
18021	.0	.0	.0	.0	10.8	89.2	37
TOT	0	0	0	0	16	129	145
PCT	.0	.0	.0	.0	11.0	89.0	100.0

TABLE 12

CUMULATIVE PCT. FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	< 150	< 600	< 1000	1000+ AND 5+	NH < 5/8 AND 5+ DBS	TOTAL DBS
00003	.0	.0	.0	5.6	94.4	36
06009	.0	.0	5.9	5.9	88.2	34
12015	.0	.0	.0	10.5	89.5	38
18021	.0	.0	.0	16.2	83.8	37
TOT	.0	0	.2	14	129	145
PCT	.0	.0	1.4	9.7	89.0	100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	6.1	8.3	.0	.0	19	14.4
80/84	.0	.0	.0	.0	9.8	40.2	22.7	4.5	102	77.3
75/79	.0	.0	.0	.0	.0	2.3	5.3	.8	11	8.3
TOTAL	0	0	0	0	21	67	37	7	132	100.0
PCT	.0	.0	.0	.0	15.9	50.8	28.0	5.3		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	1.5	4.0	4.7	1.9	.0	.0	1.1	1.1	.0	.0
80/84	16.3	21.8	16.1	8.3	.6	1.1	2.5	6.8	.0	3.8
75/79	2.7	1.5	1.9	.4	.0	.0	.0	1.9	.0	.0
TOTAL	20.5	27.3	22.7	10.6	.6	1.1	3.6	9.8	.0	3.8

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
0003	86	85	84	81	77	73	73	80.7	155	
0609	90	89	86	82	79	73	73	82.7	344	
1215	91	88	85	82	78	73	73	81.7	223	
1821	85	84	83	81	77	73	73	80.4	295	
TOT	91	88	86	82	77	73	73	81.5	1017	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
0003	.0	.0	6.7	46.7	40.0	6.7	80	30		
0609	.0	.0	21.1	60.5	18.4	.0	74	38		
1215	.0	.0	25.0	56.3	12.5	6.3	75	32		
1821	.0	.0	8.6	40.0	40.0	11.4	80	35		
TOT	0	0	21	69	37	8	77	135		

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	HQ
	76	80	84	88	92	FOG	FOG	FOG
11/13	.0	.0	.4	.0	.0	2	.0	.4
9/10	.0	.0	.4	.0	.0	2	.0	.4
7/8	.0	.0	.0	.0	.4	2	.0	.4
5	.0	.2	2.6	.8	.2	19	.0	3.7
4	.0	.0	4.3	2.6	.2	36	.2	6.9
3	.0	.0	.2	.2	.0	2	.0	.4
2	.2	.2	10.0	1.8	.0	42	.4	11.8
1	.0	.2	2.4	1.4	.0	20	.0	3.9
0	.8	1.8	27.0	1.4	.0	157	.2	30.7
-1	.0	.8	6.7	.2	.0	39	.2	7.5
-2	1.4	3.5	13.6	.0	.0	94	.0	18.5
-3	.0	.8	1.6	.0	.0	12	.0	2.4
-4	.4	4.3	3.0	.0	.0	39	.6	7.1
-5	.2	2.6	.2	.0	.0	15	.6	2.4
-6	.0	.4	.0	.0	.0	2	.0	.4
-7/-8	.6	.2	.0	.0	.0	4	.0	.8
-9/-10	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	19	76	367	42	4	508	11	497
PCT	3.7	15.0	72.2	8.3	.8	100.0	2.2	97.8

PERIOD: (OVER-ALL) 1963-1971 FEBRUARY AREA 0012 VICTORIA POINT
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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	4.8	.0	.0	.0	.0	4.8	4.8	10.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2
1-2	4.2	9.7	.0	.0	.0	.0	13.9	4.8	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5
3-4	.0	5.5	.0	.0	.0	.0	5.5	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.2	20.0	.0	.0	.0	.0	24.2	9.7	24.2	.0	.0	.0	.0	33.9							

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.6	.0	.0	.0	.0	3.6	2.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
1-2	.0	2.4	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	1.8	2.4	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	7.9	2.4	.0	.0	.0	10.3	2.4	.6	.0	.0	.0	.0	3.0							

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.8	.0	.0	.0	.0	.0	1.8	1.2	.0	.0	.0	.0	.0	1.2
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.8	.0	.0	.0	.0	.0	1.8	1.2	.0	.0	.0	.0	.0	1.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	3.6	.0	.0	.0	.0	.0	3.6	3.0	.0	.0	.0	.0	.0	3.0
1-2	.0	1.8	.0	.0	.0	.0	3.6	.6	5.5	.6	.0	.0	.0	6.7
3-4	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	3.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.6	1.8	1.8	.0	.0	.0	7.3	3.6	8.5	.6	.0	.0	.0	12.7

PERIOD: (OVER-ALL) 1963-1971

FEBRUARY

AREA 0012 VICTORIA POINT
9.7N 96.7E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	23.8	19.0	.0	.0	.0	.0	42.9	42
1-2	9.5	28.6	2.4	.0	.0	.0	40.5	
3-4	.0	14.3	2.4	.0	.0	.0	16.7	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	33.3	61.9	4.8	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
<6	13.6	40.9	13.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	77	2
6-7	.0	.5	4.5	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	3
8-9	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDET	12.7	3.6	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	1
TOTAL	29	54	23	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	2
PCT	26.4	49.1	20.9	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA POINT
9.6N 96.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WNO DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS	
				FRZG PCPN	SNOW	OTHER FRZN PCPN					WD	HAZE	BLWG	DUST	SIG		WEA
N	.0	.0	.1	.0	.0	.0	.0	.1	.9	.0	.0	.0	.0	.0	.0	25.1	
NE	.1	.2	.1	.0	.0	.0	.0	.3	.0	.4	.2	.0	.0	.0	.0	20.5	
E	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	13.8	
SE	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.0	.0	3.7	
S	.1	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.0	.0	1.5	
SW	.0	.2	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	1.4	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	
NW	.3	.3	.0	.0	.0	.0	.0	.7	.7	.0	.0	.0	.0	.0	.0	16.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	5.5	
TOT OBS	4	4	1	0	0	0	0	9	17	12	4	0	0	0	0	573	614
TOT PCT	.7	.7	.2	.0	.0	.0	.0	1.5	2.8	2.0	.7	.0	.0	.0	.0	93.3	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN					PCPN	WD	HAZE	BLWG	DUST	SIG	
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0		1.0	8.3	.0	.0	.0	.0	90.6	
06009	.4	.0	.4	.0	.0	.0	.0	.0	.9		.4	.9	1.3	.0	.0	.0	96.4	
12015	1.2	1.2	.0	.0	.0	.0	.0	.0	2.5		4.3	.6	.6	.0	.0	.0	92.5	
18021	.7	1.3	.0	.0	.0	.0	.0	.0	2.0		5.4	.7	2.0	.0	.0	.0	89.9	
TOT	4	4	1	0	0	0	0	.0		9	17	12	7	.0	.0	.0	586.	630
PCT	.6	.6	.2	.0	.0	.0	.0	.0	1.4		2.7	1.9	1.1	.0	.0	.0	93.0	

MARCH

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

AREA 0012 VICTORIA POINT
9.6N 96.7E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	00					03	06	09	12	15	18	21	
N	6.0	18.7	1.1	.0	.0	.0	.0	25.8	5.7	28.4	21.3	23.1	25.2	28.8	27.4	32.5	23.0	
NE	5.8	14.2	1.7	.0	.0	.0	.0	21.7	5.8	18.9	26.6	24.4	21.1	13.5	23.5	18.3	22.4	
E	2.9	10.2	2.4	.0	.0	.0	.0	15.5	6.8	9.5	21.3	22.7	13.2	5.9	13.1	10.3	18.6	
SE	1.1	3.1	.3	.0	.0	.0	.0	4.4	5.7	4.0	4.8	8.2	4.1	4.1	1.2	3.3	3.5	
S	.5	.6	*	.0	.0	.0	.0	1.2	4.3	4.6	1.1	1.5	.3	.0	.9	1.0	.9	
SW	.4	.6	*	.0	.0	.0	.0	1.1	5.1	1.2	.0	.3	2.2	2.4	.9	.7	1.5	
W	2.2	3.1	.1	.0	.0	.0	.0	5.4	4.5	2.1	6.4	3.7	5.3	5.6	6.5	5.7	7.6	
NW	4.5	11.6	.6	.0	.0	.0	.0	16.7	5.2	14.3	13.3	9.7	23.6	22.1	21.1	18.2	15.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	8.2	718	73	0	0	0	1156	8.2	5.2	17.1	5.3	6.5	5.0	17.6	5.4	10.0	7.6	
TOT OBS	365	62.1	6.3	.0	.0	.0	.0	106.0	5.2	82	94	246	159	85	168	150	172	
TOT PCT	31.6	62.1	6.3	.0	.0	.0	.0	100.0	5.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40						00 03	06 09	12 15	18 21			
N	18.0	7.9	.0	.0	.0	.0	25.8	5.7	24.6	23.9	27.9	27.9	27.4			
NE	14.8	6.8	.1	.0	.0	.0	21.7	5.8	23.0	23.1	20.2	20.2	20.5			
E	9.1	5.9	.5	.0	.0	.0	15.5	6.8	15.8	19.0	10.7	10.7	14.8			
SE	3.0	1.3	*	.0	.0	.0	4.4	5.7	4.4	6.6	2.2	2.2	3.4			
S	1.1	.1	.0	.0	.0	.0	1.2	4.3	2.7	1.0	.6	.6	.9			
SW	.8	.3	.0	.0	.0	.0	1.1	5.1	.6	1.0	1.4	1.4	1.1			
W	4.7	.7	.0	.0	.0	.0	5.4	4.5	4.4	4.3	6.2	6.2	6.7			
NW	12.8	3.9	.0	.0	.0	.0	16.7	5.2	13.8	15.1	21.4	21.4	16.5			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	8.2	311	7	0	0	1156	8.2	.0	10.8	5.9	9.5	9.5	8.7			
TOT OBS	838	26.9	.6	.0	.0	.0	100.0	5.2	176	405	253	253	322			
TOT PCT	72.5	26.9	.6	.0	.0	.0	100.0	5.2	100.0	100.0	100.0	100.0	100.0			

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA PDINT
9.6N 96.7E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)											
HOUR	CALM	1-3		4-10		WIND SPEED (KNOTS)			MEAN	PCT FREQ	TOTAL OBS
		1-3	4-10	11-21	22-33	34-47	48+				
00503	10.8	25.6	59.1	4.5	.0	.0	.0	4.9	100.0	176	
05509	5.9	21.5	65.7	6.9	.0	.0	.0	5.6	100.0	405	
12515	9.5	22.9	62.8	4.7	.0	.0	.0	5.0	100.0	253	
18521	8.7	24.8	58.7	7.8	.0	.0	.0	5.2	100.0	322	
TOT	95	270	718	73	0	0	0	5.2		1156	
PCT	8.2	23.4	62.1	6.3	.0	.0	.0		100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8-10	DBSCD	TOTAL CLOUD COVER			TOTAL OBS
						MEAN	COVER	COVER	
N	10.5	4.5	4.4	1.1		3.0			
NE	6.4	4.8	4.7	2.1		3.7			
E	1.7	3.5	5.9	.0		4.2			
SE	2.1	2.3	2.0	1.1		4.1			
S	.9	1.5	.0	.0		3.0			
SW	.7	.5	.0	.0		2.4			
W	2.4	.9	2.0	.4		3.6			
NW	6.6	1.7	4.5	.7		3.4			
VAR	.0	.0	.0	.0		.0			
CALM	4.8	4.8	5.3	5.3		4.8			
TOT OBS	68	46	54	20		3.8			
TOT PCT	36.2	24.5	28.7	10.6					188
									100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8) AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION													
WIND DIR	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH < 5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	19.4
NE	.0	.0	.0	.0	.1	1.2	.0	.5	.0	.0	.0	.0	16.1
E	.0	.0	.0	.0	.4	.7	.0	.0	.0	.0	.0	.4	9.6
SE	.0	.0	.0	.0	.0	1.3	.5	.0	.0	.0	.1	.5	5.5
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
NW	.0	.0	.0	.0	.3	.0	.5	.1	.0	.0	.0	.0	12.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	1.1	.5	.5	.3	.0	.0	.0	.0	18.1
TOT PCT	.0	.0	.0	.0	.4	.8	.2	.3	.0	.0	.0	.1	169
					2.1	4.3	1.6	1.6	.0	.5	.0	.5	89.9
													100.0

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA POINT
9.6N 96.7E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 475) AND VSBY (NH)

CEILING (FEET)	VSBY (NM)									
	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0		
OR >6500	.5	.5	.5	.5	.5	.5	.5	.5	.5	
OR >5000	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
OR >3500	3.7	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
OR >2000	6.9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	
OR >1000	8.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
OR >600	8.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
OR >300	8.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
OR >150	8.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
OR >0	8.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
TOTAL	16	20	20	20	20	20	20	20	20	

TOTAL NUMBER OF OBS: 189 PCT FREQ NH < 5/8: 89.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
0	12.7	32.8	22.5	13.7	5.9	4.4	3.4	2.0	2.5	.0	204

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA POINT
9.6N 96.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
1<2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.3	.3
NO PCP	.1	.2	.2	.1	.1	.0	.2	.2	.0	.0	.8	.8
TOT %	.1	.4	.2	.1	.1	.0	.2	.2	.0	.0	1.1	1.1
5<10	.1	.2	.1	.1	.1	.2	.0	.2	.0	.0	.8	.8
NO PCP	4.1	3.9	2.4	1.3	.9	.5	1.0	2.6	.0	4.1	20.8	20.8
TOT %	4.2	4.1	2.5	1.4	1.0	.7	1.0	2.8	.0	4.1	21.7	21.7
10+	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
NO PCP	21.9	16.9	11.6	2.6	.8	1.1	4.6	13.9	.0	3.3	76.7	76.7
TOT %	21.9	16.9	11.6	2.6	.8	1.1	4.6	14.0	.0	3.3	76.9	76.9
TOT OBS	26.2	21.4	14.3	4.2	1.9	1.8	5.7	17.1	.0	7.5	100.0	614
TOT PCT												

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA POINT
9.0N 96.7E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PL	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.3	.2	.1	.1	.0	.1	.2	.0	.0	.0	.0
5<10	0-3	.6	1.1	.9	.5	.1	.1	.6	1.1	.0	.0	.0	.0
	4-10	2.2	1.7	.8	.3	.5	.4	.2	1.1	.0	.0	.0	.0
	11-21	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0
	TOT %	2.9	2.9	2.1	1.1	.7	.5	.8	2.2	.0	.0	.0	.0
10+	0-3	4.8	5.2	1.7	.6	.4	.4	1.9	3.3	.0	.0	.0	.0
	4-10	16.9	12.9	9.4	3.0	.3	.3	1.9	9.2	.0	.0	.0	.0
	11-21	.9	1.4	1.4	.1	.0	.0	.1	.3	.0	.0	.0	.0
	TOT %	22.6	19.5	12.6	3.8	.8	.8	4.0	12.9	.0	.0	.0	.0
TOT OBS		25.8	22.8	14.8	5.0	1.5	1.2	4.9	15.5	.0	8.4	100.0	866
TOT PCT													

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA POINT
9.6N 96.7E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET) NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1200 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	1.9	3.8	1.9	.0	.0	.0	7.5	92.5	53
06009	.0	.0	.0	.0	3.6	5.4	1.8	3.6	.0	1.8	16.1	83.9	56
12015	.0	.0	.0	.0	.0	1.8	1.8	.0	.0	.0	3.6	96.4	56
18021	.0	.0	.0	.0	2.5	5.9	2.9	2.9	.0	.0	14.7	85.3	34
TOT PCT	0 .0	0 .0	0 .0	0 .0	4 2.0	8 4.0	4 2.0	3 1.5	0 .0	1 .5	20 10.1	179 89.9	199 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	4.1	42.9	53.1	49
06009	.0	.0	.0	.0	39.3	60.7	56
12015	.0	.0	.0	1.9	42.3	55.8	52
18021	.0	.0	.0	3.1	18.8	78.1	32
TOT PCT	0 .0	0 .0	0 .0	4 2.1	71 37.6	114 60.3	189 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR
CEILING HGT (FEET) NH >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+ OBS
00003	.0	.0	4.1	8.2	49
06009	.0	.0	.0	16.1	56
12015	.0	.0	1.9	3.8	52
18021	.0	.0	3.1	15.6	32
TOT PCT	0 .0	0 .0	4 2.1	20 10.6	189 100.0

MARCH

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

AREA 0012 VICTORIA POINT
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP											
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ	
85/89	.0	.0	.0	1.2	4.0	10.4	25.4	.6	.0	28	16.2
80/84	.0	.0	.0	.0	5.8	38.2	1.2	1.2	122	70.5	
75/79	.0	.0	.0	.0	.6	1.7	3.5	7.5	23	13.3	
TOTAL	0	0	0	2	18	87	51	15	173	100.0	
PCT	.0	.0	.0	1.2	10.4	50.3	29.5	8.7			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY T P											
	N	NE	E	SE	S	SW	W	NW	VAR	CALM	
85/89	1.4	2.9	2.9	2.5	.4	.7	1.4	2.2	.0	1.7	
80/84	16.0	11.7	7.2	6.8	2.7	.0	2.6	10.7	.0	12.7	
75/79	1.4	1.9	.6	.6	.6	.6	.0	1.3	.0	6.4	
TOTAL	18.9	14.5	10.7	9.8	3.8	1.3	4.0	14.2	.0	20.8	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	90	89	86	82	77	75	75	81.9	175		
06009	91	90	88	84	81	79	77	84.3	409		
12015	91	90	86	83	79	75	75	82.9	256		
18021	90	86	84	82	79	76	75	81.8	325		
TOT	91	90	87	83	79	76	75	82.9	1165		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS			
00003	.0	.0	6.5	32.6	32.6	28.3	82	46			
06009	.0	3.8	17.0	60.4	18.9	.0	74	53			
12015	.0	2.2	6.5	54.3	32.6	4.3	78	46			
18021	.0	.0	12.1	54.5	33.3	.0	77	33			
TOT	0	3	19	90	51	15	78	178			

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0012 VICTORIA POINT
9.6N 96.7E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WD
	76	80	84	88	92		FOG	FOG
7/8	.0	.0	.0	.0	.3	4	.0	.7
5	.0	.0	1.2	1.5	.0	16	.0	2.7
4	.0	.2	1.3	2.3	.5	26	.0	4.3
3	.0	.0	.0	.2	.0	1	.0	.2
2	.0	.0	7.3	4.2	.0	69	.2	11.3
1	.0	.0	1.0	1.3	.0	14	.0	2.3
0	.0	1.0	22.1	4.7	.0	167	.3	27.5
-1	.0	1.3	5.5	1.5	.0	44	.0	7.3
-2	.0	1.7	18.1	1.0	.0	125	.0	20.8
-3	.0	2.2	2.3	.0	.0	15	.0	2.5
-4	.7	2.2	8.3	.3	.0	69	.0	11.5
-5	.0	1.2	2.7	.3	.0	25	.2	4.0
-6	.0	.3	.2	.0	.0	3	.2	.3
-7/-8	.7	2.8	.0	.0	.0	21	1.0	2.5
-9/-10	.0	.2	.0	.0	.0	1	.0	.2
-11/-13	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	9	60	421	106	5	601	11	590
PCT	1.5	10.0	70.0	17.6	.8	100.0	1.8	98.2

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	5.1	3.6	.0	.0	.0	.0	8.8	11.4	1.2	.0	.0	.0	.0	12.7
1-2	.0	5.8	.0	.0	.0	.0	5.8	.0	3.2	1.0	.0	.0	.0	4.1
3-4	.0	1.0	.7	.0	.0	.0	1.7	.0	.0	.2	.0	.0	.0	.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	1.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	5.1	10.5	.7	.0	.0	.0	16.3	11.4	4.4	2.2	.0	.0	.0	18.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	5.6	1.5	.0	.0	.0	.0	8.0	3.9	1.5	.0	.0	.0	.0	5.4
1-2	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	1.9
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	6.6	1.5	.0	.0	.0	.0	8.0	4.9	3.4	.0	.0	.0	.0	8.3

PERIOD: (OVER-ALL) 1963-1970

PERCENT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	S	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.0	2.4	.0	.0	.0	.0	.0	3.4	.0	1.2	.0	.0	.0	.0	1.2
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	1.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	2.4	.0	.0	.0	.0	.0	3.4	.0	2.2	.0	.0	.0	.0	2.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	4.9	.7	.0	.0	.0	.0	5.6	8.0	5.4	.0	.0	.0	.0	13.4
1-2		1.0	.0	.0	.0	.0	1.0	.0	2.7	.0	.0	.0	.0	2.7
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.9	1.7	.0	.0	.0	.0	6.6	8.0	8.0	.0	.0	.0	.0	16.1

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MARCH

PERIOD: (OVER-ALL) 1963-1970

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	64.5	16.4	.0	.0	.0	.0	80.9	110
1-2	.9	13.6	.9	.0	.0	.0	15.5	
3-4	.0	.9	.9	.0	.0	.0	1.8	
5-6	.0	.9	.9	.0	.0	.0	1.8	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	65.5	31.8	2.7	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	13.9	29.5	4.6	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	87	2
6-7	.0	1.2	.0	1.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	5
8-9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDEX	42.8	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	76	0
TOTAL	98	57	9	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173	1
PCT	56.6	32.9	5.2	3.5	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

APRIL

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1862-1971

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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCPN AT DB TIME	TOTAL PCPN DBS	OTHER WEATHER PHENOMENA						TOTAL DBS
				FRZG	PCPN	FRZG	SNOW	OTHER			THDR LTNG	FOG	SMOKE	DUST	NO	SIG	
N	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	.6	.4	.2	.0	.0	19.1	
NE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.0	.0	.0	10.0	
E	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.0	.1	.0	.0	8.6	
SE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.2	.0	.3	.0	.0	4.9	
S	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	.0	4.3	
SW	.6	.1	.1	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	6.6	
W	.5	.0	.1	.0	.0	.0	.0	.0	.0	.6	.8	.2	.1	.0	.0	11.8	
NW	.1	.4	.0	.0	.0	.0	.0	.0	.0	.5	1.0	.1	.1	.0	.0	19.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5	.4	.0	.0	4.9	
TOT OBS	16	4	1	0	0	0	0	0	0	21	23	9	6	0	0	493	550
TOT PCT	2.9	.7	.2	.0	.0	.0	.0	.0	.0	3.8	4.2	1.6	1.1	.0	.0	89.6	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT PCPN AT DB TIME	TOTAL PCPN DBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL DBS
				FRZG PCPN	SNOW	OTHER FRZN PCPN	FOG					SMOKE	DUST	NO PCPN	BLWG HAZE	DUST	SIG	
0003	4.5	1.1	.0	.0	.0	.0	.0	.0	5.6		.0	9.0	.0	.0	.0	.0	85.4	
0609	.5	1.0	.0	.0	.0	.0	.0	.0	1.5		1.5	.0	1.0	.0	.0	.0	96.0	
1215	3.8	.8	.0	.0	.0	.0	.0	.0	4.6		6.9	.0	.8	.0	.0	.0	87.7	
1821	4.3	.0	.7	.0	.0	.0	.0	.0	5.0		8.5	.7	2.1	.0	.0	.0	85.1	
TOT	16	4	1	0	0	0	0	0	21	21	24	9	6	0	0	0	504	562
PCT	2.8	.7	.2	.0	.0	.0	.0	.0	3.7		4.3	1.6	1.1	.0	.0	.0	89.7	

APRIL
 PERIOD: (PRIMARY) 1923-1971
 (OVER-ALL) 1862-1971
 AREA 0012 VICTORIA POINT
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	TOTAL	00	03	06	09	12
N	5.6	13.2	1.1	.0	.0	.0	.0	19.9	5.6	23.9	16.8	18.9	19.1	29.3	19.1
NE	2.5	8.9	.7	.0	.0	.0	.0	12.1	6.1	9.6	16.5	15.7	9.6	8.7	11.8
E	2.4	7.5	.8	.0	.0	.0	.0	10.7	6.5	14.0	18.5	11.7	8.5	4.3	7.7
SE	1.9	4.4	.3	.0	.0	.0	.0	6.6	5.7	8.8	11.8	5.3	4.0	3.3	7.0
S	1.8	2.8	.5	.0	.0	.0	.0	5.2	5.3	2.6	7.6	4.6	4.0	5.4	6.3
SW	1.2	3.9	1.6	.5	.1	.0	.0	7.3	9.7	2.9	3.5	7.6	9.9	6.5	7.4
W	2.5	6.8	1.7	.4	.1	.0	.0	11.5	7.5	9.6	11.2	11.9	14.7	10.5	13.6
NW	3.2	15.1	.6	.0	.0	.0	.0	18.9	6.0	14.0	10.6	17.3	25.7	23.2	17.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	7.8	620	73	9	2	0	990	7.8	.0	14.7	3.5	7.0	4.4	8.7	9.6
TOT OBS	286	62.6	7.4	.9	.2	.0	.0	100.0	5.9	68	85	213	136	69	136
TOT PCT	28.9	62.6	7.4	.9	.2	.0	.0	100.0	5.9	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HOUR (GMT)				
	0-6	7-16	17-27	28-40	06 09						12 15	18 21			
N	13.9	6.1	.0	.0	.0	.0	19.9	19.9	5.6	19.9	19.0	22.6	19.3		
NE	7.6	4.6	.0	.0	.0	.0	12.1	12.4	6.1	12.4	13.3	10.7	11.0		
E	6.0	4.3	.3	.0	.0	.0	10.7	16.5	6.5	16.5	10.5	6.6	10.7		
SE	4.4	2.1	.1	.0	.0	.0	6.6	10.5	5.7	10.5	4.8	5.7	7.2		
S	3.8	1.3	.1	.0	.0	.0	5.2	5.4	5.3	5.4	4.4	6.0	5.5		
SW	3.1	3.0	1.0	.3	.0	.0	7.3	3.3	9.7	3.3	8.5	7.1	8.3		
W	7.0	3.5	.7	.3	.0	.0	11.5	10.5	7.5	10.5	13.0	12.6	9.5		
NW	11.9	7.0	.0	.0	.0	.0	18.9	12.1	6.0	12.1	20.6	19.5	20.1		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	7.8	315	22	5	0	990	7.8	8.5	.0	8.5	6.0	9.3	8.5		
TOT OBS	648	31.8	2.2	.5	.0	.0	100.0	100.0	5.9	153	349	205	283		
TOT PCT	65.5	31.8	2.2	.5	.0	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

PERIOD: (PRIMARY) 1923-1971
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	7				
00003	8.5	27.5	55.6	7.2	.7	.0	5.6	100.0	153		
06009	6.0	18.3	66.2	8.3	1.1	.0	6.2	100.0	349		
12015	9.3	22.4	61.0	7.3	.0	.0	5.4	100.0	205		
18021	8.5	20.1	63.3	6.4	1.4	.0	6.0	100.0	283		
TOT	77	209	620	73	9	2	5.9	100.0	990		
PCT	7.8	21.1	62.6	7.4	.9	.2					

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-9	OBSCD	TOTAL OBS	MEAN CLOUD COVER
N	7.5	8.9	5.4	1.4		3.5	
NE	3.0	3.9	1.4	2.0		4.0	
E	.6	2.3	4.4	.0		5.0	
SE	3.6	2.6	1.8	.8		3.6	
S	1.2	3.9	2.1	.5		4.3	
SW	.6	2.6	1.2	.6		4.4	
W	.6	3.5	3.2	.5		4.2	
NW	2.7	6.2	6.5	1.7		4.5	
VAR	.0	.0	.0	.0		.0	
CALM	3.0	4.3	3.6	1.8		4.3	
TOT OBS	38	64	49	15		166	
TOT PCT	22.9	38.6	29.5	9.0		100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH > 4/8
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

	000	149	150	299	300	599	600	999	1000	2000	3500	5900	6500	8000+	NH < 5/8	ANY HGT	TOTAL OBS
N	.5	.0	.0	.0	.0	.0	.5	.5	.5	.0	1.1	.0	.0	.0	.0	.0	20.8
NE	.0	.0	.0	.0	.0	.0	.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	8.4
E	.0	.0	.0	.0	.0	.0	.0	1.2	.5	.0	1.1	.0	.0	.0	.0	.0	4.5
SE	.0	.0	.0	.0	.0	.0	.0	.3	.8	.0	.0	.0	.0	.0	.0	.0	7.7
S	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	6.2
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
NW	.2	.0	.0	.0	.0	.0	.6	1.2	.2	.0	.0	.0	.0	.0	.0	.0	14.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	1	1	0	0	0	0	2	8	5	4	0	0	0	0	0	0	13.3
TOT PCT	.6	.6	.0	.0	.6	1.2	4.8	3.0	2.4	.0	.0	.0	.0	.0	.0	.0	87.3
																	166
																	100.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NH)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
OR >2000	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
OR >1000	8.1	9.9	10.5	11.0	11.0	11.0	11.0	11.0
OR >600	8.7	10.5	11.6	12.2	12.2	12.2	12.2	12.2
OR >300	8.7	11.0	12.2	12.8	12.8	12.8	12.8	12.8
OR >150	8.7	11.0	12.2	12.8	12.8	12.8	12.8	12.8
OR >0	8.7	11.0	12.2	12.8	12.8	13.4	13.4	13.4
TOTAL	15	19	21	22	22	23	23	23

TOTAL NUMBER OF OBS: 172 PCT FREQ NH < 5/8: 86.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
0	15.9	20.9	28.6	15.9	2.7	3.8	3.8	2.2	.5	182	

PERIOD: (PRIMARY: 1923-1971
(OVER-ALL) 1862-1971

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.1	.0	.0	.0	.0	.0	.0	*	.0	.0	.2	
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.0	.0	.0	.0	.0	.0	*	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4	
1/2<1 ND PCP	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5	
PCP	.0	.0	.0	*	.1	.5	.1	.0	.0	.0	.7	
1<2 ND PCP	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	
TOT %	.2	.0	.0	*	.1	.5	.1	.0	.0	.4	1.3	
PCP	.2	.0	.0	.0	.0	.2	.1	.3	.0	.0	.7	
2<5 ND PCP	.4	*	.0	.4	.2	.3	.2	.5	.0	.4	2.4	
TOT %	.5	*	.0	.4	.2	.5	.3	.8	.0	.4	3.1	
PCP	.4	.0	.0	.2	.1	.2	.1	.0	.0	.0	.9	
5<10 ND PCP	3.1	2.3	1.8	1.2	.6	1.1	2.9	3.8	.0	1.8	18.6	
TOT %	3.5	2.3	1.8	1.4	.7	1.3	3.0	3.8	.0	1.8	19.5	
PCP	.3	.1	.2	.1	.0	.0	.0	.4	.0	.0	1.1	
10+ ND PCP	16.3	8.5	7.6	3.7	3.8	5.2	9.7	16.2	.0	3.5	74.3	
TOT %	16.5	8.6	7.7	3.8	3.8	5.2	9.7	16.5	.0	3.5	75.4	
TOT OBS												549
TOT PCT	20.9	11.0	9.5	5.6	4.9	7.4	13.5	21.1	.0	6.0	100.0	

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TÁBLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.2	.0	.0	.0	.0	.0	.0	.4	.0	.0	.5	.5
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.0	.0	.0	.0	.0	.0	.4	.0	.0	.5	.5
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.3	.3
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
	TOT %	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.5	.5
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3
	4-10	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.3	.3
	11-21	.1	.0	.0	.0	.1	.1	.1	.0	.0	.0	.4	.4
	22+	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.3	.3
	TOT %	.1	.0	.0	.2	.2	.3	.1	.0	.0	.3	1.2	1.2
2<5	0-3	.2	.2	.0	.2	.1	.1	.0	*	.0	.5	1.3	1.3
	4-10	.3	.1	.3	.3	.1	.2	.1	.6	.0	.0	1.9	1.9
	11-21	.0	.0	.1	.1	.0	.1	.1	.1	.0	.0	.5	.5
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.5	.2	.3	.5	.2	.4	.3	.7	.0	.5	3.7	3.7
5<10	0-3	.8	.4	.4	.5	.2	.3	.8	.3	.0	1.3	5.0	5.0
	4-10	2.0	1.3	1.2	.6	.4	.7	1.3	2.2	.0	.0	9.8	9.8
	11-21	.0	.1	.1	.2	.1	.1	.1	.2	.0	.0	.8	.8
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	2.7	1.9	1.7	1.3	.7	1.0	2.2	2.7	.0	1.3	15.6	15.6
10+	0-3	5.2	2.1	1.7	1.4	2.0	.8	2.2	2.9	.0	5.9	24.2	24.2
	4-10	10.3	6.1	5.6	3.5	2.8	3.6	5.9	12.0	.0	.0	49.7	49.7
	11-21	.4	.2	.4	.1	.4	1.1	1.2	.2	.0	.0	4.1	4.1
	22+	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.5	.5
	TOT %	15.9	8.4	7.6	5.1	5.1	5.8	9.5	15.1	.0	5.9	78.5	78.5
TOT OBS		782											
TOT PCT		19.5	10.5	9.7	7.0	6.4	7.6	12.4	18.9	.0	7.9	100.0	

APRIL

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET) NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	2.3	2.3	2.3	.0	.0	.0	7.0	93.0	43
06009	.0	.0	1.9	1.9	7.7	3.8	3.8	.0	.0	.0	19.2	80.8	52
12015	.0	.0	.0	2.3	4.7	2.3	.0	.0	.0	.0	9.3	90.7	43
18021	2.3	.0	.0	.0	4.7	2.3	4.7	.0	.0	.0	14.0	86.0	43
TOT PCT	1 .6	0 .0	1 .6	2 1.1	9 5.0	5 2.8	5 2.8	0 .0	0 .0	0 .0	23 12.7	158 87.3	181 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	2.4	7.1	23.8	66.7	42
06009	.0	.0	.0	2.0	26.5	71.4	49
12015	.0	.0	.0	12.8	20.5	66.7	39
18021	2.4	.0	7.1	2.4	7.1	81.0	42
TOT PCT	1 .6	0 .0	4 2.3	10 5.8	34 19.8	123 71.5	172 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR
CEILING HGT (FEET) NH >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	.0	9.5	4.8	85.7	42
06009	.0	2.0	6.1	16.3	77.6	49
12015	.0	.0	12.8	5.1	82.1	39
18021	2.4	2.4	11.9	11.9	76.2	42
TOT PCT	1 .6	2 1.2	17 9.9	17 9.9	136 80.2	172 100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
90/94	.0	.0	.0	.0	1.5	2.3	.0	.0	5	3.8
85/89	.0	.0	.0	.0	3.1	30.5	17.6	.8	68	51.9
80/84	.0	.0	.0	.0	.0	16.8	18.3	5.3	53	40.5
75/79	.0	.0	.0	.0	.0	.8	.0	3.1	5	3.8
TOTAL	0	0	0	0	6	66	47	12	131	100.0
PCT	.0	.0	.0	.0	4.6	50.4	35.9	9.2		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
90/94	2.1	.2	.0	.0	.0	.8	.6	.2	.0	.0
85/89	12.6	7.3	.0	3.2	2.9	5.3	7.3	7.5	.0	6.1
80/84	8.2	3.8	4.8	2.7	1.1	2.1	2.5	9.9	.0	5.3
75/79	1.1	.8	.8	.0	.0	.0	.0	1.1	.0	.0
TOTAL	24.0	12.0	5.5	5.9	4.0	8.2	10.3	18.5	.0	11.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MIN	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0003	90	89	86	84	78	75	75	83.2	148
0609	92	91	90	85	81	78	77	85.1	341
1215	91	88	88	84	81	77	76	83.9	204
1821	88	86	86	83	79	77	75	82.8	284
TOT	92	90	88	84	80	77	75	83.9	977

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0003	.0	.0	.0	.0	.0	25.0	83	32
0609	.0	.0	9.8	65.9	22.0	2.4	76	41
1215	.0	.0	6.3	46.9	37.5	9.4	80	32
1821	.0	.0	.0	51.5	48.5	.0	80	33
TOT	0	0	6	70	50	12	79	138

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	77	81	85	89	WD FOG
	80	84	88	92	
11/13	.0	.0	.6	.0	.6
9/10	.0	.0	.4	.0	.4
7/8	.0	.0	.2	.2	.4
5	.0	.6	.2	.8	1.5
4	.0	.4	1.7	1.2	3.3
3	.0	.2	.0	.2	.4
2	.0	4.8	5.0	1.7	11.6
1	.0	.4	1.2	.2	1.7
0	.0	14.5	14.3	.6	28.9
-1	.0	2.7	4.6	.0	7.3
-2	1.0	16.6	5.8	.0	23.3
-3	.0	2.1	.8	.0	2.9
-4	.8	9.4	.8	.0	11.0
-5	.4	2.1	.0	.0	2.3
-6	.2	.8	.0	.0	.6
-7/-8	1.0	.6	.0	.0	1.0
-9/-10	1.2	.0	.0	.0	1.0
-11/-13	.2	.0	.0	.0	.2
TOTAL	24	286	184	25	510
PCT	4.6	55.1	35.5	4.8	98.3
				100.0	1.7

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FY)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	9.6	6.3	.0	.0	.0	.0	15.9	1.9	4.8	.0	.0	.0	.0	6.7
1-2	1.5	.0	.0	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.4
3-4	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	1.5
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	11.1	6.3	.0	.0	.0	.0	17.4	1.9	6.7	.0	.0	.0	.0	8.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	3.0	.0	.0	.0	.0	.0	3.0	1.9	.0	.0	.0	.0	.0	1.9
1-2	.0	1.1	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0
3-4	.0	1.5	.0	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.4
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.0	2.6	.0	.0	.0	.0	5.6	1.9	.4	.0	.0	.0	.0	2.2

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.1	.0	.0	.0	.0	.0	1.1	4.4	.0	.0	.0	.0	.0	4.4
1-2	.0	.0	.0	.0	.0	.0	1.0	.0	5.9	.0	.0	.0	.0	5.9
3-4	.0	1.1	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.1	1.1	.0	.0	.0	.0	2.2	4.4	5.9	.0	.0	.0	.0	10.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	8.9	6.3	.0	.0	.0	.0	15.2	3.3	3.3	.0	.0	.0	.0	6.7
1-2	.0	1.5	.0	.0	.0	.0	1.5	.0	10.4	.0	.0	.0	.0	10.4
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	8.9	7.8	.0	.0	.0	.0	16.7	3.3	13.7	.0	.0	.0	.0	17.0

APRIL

AREA 0012 VICTORIA POINT
9.7N 96.7E

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (Ft)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	59.0	19.2	.0	.0	.0	.0	78.2	78
1-2	1.3	16.7	.0	.0	.0	.0	17.9	
3-4	.0	3.8	.0	.0	.0	.0	3.8	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	60.3	39.7	.0	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	20.5	25.8	9.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	84	1
6-7	.7	1.3	4.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	3
8-9	.0	.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	5
12-13	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	5
>13	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
INDET	26.5	2.6	2.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	49	1
TOTAL	72	46	25	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151	1	
PCT	47.7	30.5	16.6	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

MAY

PERIOD: (PRIMARY) 1924-1970
(OVER-ALL) 1861-1970AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN				PCPN	WD	HAZE	BLWG	DUST SNOW	
N	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	.0	3.2
NE	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	3.1
E	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	2.4
SE	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.0
S	.4	.4	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	8.8
SW	1.8	1.0	.2	.0	.0	.0	.0	.0	3.0	.7	.1	.0	.0	.0	.0	31.3
W	1.7	.3	.3	.0	.0	.0	.0	.0	2.2	.3	.1	.0	.0	.0	.0	24.7
NW	.3	.0	.4	.0	.0	.0	.0	.0	.7	.2	.1	.0	.0	.0	.0	10.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	4.8
TOT OBS	29	11	5	0	0	0	0	0	45	7	2	1	0	0	0	526
TOT PCT	5.0	1.9	.9	.0	.0	.0	.0	.0	7.8	1.2	.3	.2	.0	.0	.0	90.7

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN				PCPN	WD	HAZE	BLWG	DUST SNOW	
0003	9.6	4.8	.0	.0	.0	.0	.0	.0	14.5	.0	.0	.0	.0	.0	.0	85.5
0609	5.8	1.4	.0	.0	.0	.0	.0	.0	7.2	.5	.5	.0	.0	.0	.0	91.8
1215	2.0	1.3	2.0	.0	.0	.0	.0	.0	5.3	3.3	.0	.7	.0	.0	.0	91.4
1821	4.2	1.4	1.4	.0	.0	.0	.0	.0	6.9	1.4	.7	.0	.0	.0	.0	91.0
TOT	29	11	5	0	0	0	0	0	45	8	2	1	0	0	0	530
PCT	5.0	1.9	.9	.0	.0	.0	.0	.0	7.7	1.4	.3	.2	.0	.0	.0	90.6

MAY

PERIOD: (PRIMARY) 1924-1970
(OVER-ALL) 1851-1970AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	1.3	2.3	.2	.0	.0	.0	.0	3.8	5.2		2.3	2.9	3.4	5.7	2.5
NE	1.8	1.6	.1	.0	.0	.0	.0	3.5	3.8		6.4	8.0	3.9	2.7	1.9
E	.6	1.8	.0	.0	.0	.0	.0	2.3	4.9		7.2	2.2	3.3	1.5	2.5
SE	.7	1.3	.2	.0	.0	.0	.0	2.3	5.8		2.3	4.3	1.0	1.5	3.2
S	.8	3.1	2.7	1.3	.0	.0	.0	3.0	12.1		3.8	7.2	10.7	7.6	6.0
SW	3.0	14.5	14.6	2.9	.0	.0	.0	35.0	11.3		37.9	43.5	35.1	31.1	32.5
W	3.4	14.5	9.8	1.1	.0	.0	.0	28.8	9.7		24.2	24.6	28.0	33.9	26.3
NW	2.0	6.7	1.4	.2	.0	.0	.0	10.2	6.9		8.3	2.9	9.0	10.8	19.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0
CALM	6.7	435	276	52	0	0	952	6.2	9.0		7.6	4.3	5.6	5.3	5.1
TOT OBS	189	435	29.0	5.5	.0	.0	952	100.0			66	69	198	132	79
TOT PCT	19.9	45.7					100.0				100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD			00	03	06	09	12
N	2.8	1.0	.0	.0	.0	.0	3.8	5.2			2.6	2.6	4.3	3.7	3.7
NE	3.2	.3	.0	.0	.0	.0	3.5	3.8			7.2	7.2	3.4	2.1	2.7
E	1.9	.4	.0	.0	.0	.0	2.3	4.9			4.6	4.6	2.6	1.6	1.5
SE	1.5	.7	.1	.0	.0	.0	2.3	5.8			3.3	3.3	1.2	1.9	3.2
S	2.3	3.7	1.6	.4	.0	.0	8.0	12.1			5.6	5.6	9.5	7.1	8.0
SW	9.3	17.1	8.6	.4	.0	.0	35.0	11.3			40.7	33.5	32.7	35.9	35.9
W	10.0	14.5	4.2	.1	.0	.0	28.8	9.7			24.4	30.4	25.9	28.0	28.0
NW	6.2	3.5	.5	.0	.0	.0	10.2	6.9			5.6	9.7	15.3	9.2	9.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0
CALM	6.2	393	142	5	0	952	6.2	9.0			5.9	5.5	5.3	5.6	7.7
TOT OBS	412	41.3	14.9	.5	.0	952	100.0				135	330	214	273	273
TOT PCT	43.3	41.3	14.9	.5	.0	952	100.0				100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1924-1970
(OVER-ALL) 1861-1970

MAY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
0003	5.9	13.3	45.9	28.9	5.9	.0	.0	9.0	100.0	135
0609	5.5	13.3	45.5	30.3	5.5	.0	.0	9.2	100.0	330
1215	5.6	13.1	48.6	28.5	4.2	.0	.0	8.8	100.0	214
1821	7.7	14.7	43.6	27.8	6.2	.0	.0	9.0	100.0	273
TOT	59	130	435	276	52	0	0	9.0	100.0	952
PCT	6.2	13.7	45.7	29.0	5.5	.0	.0	9.0	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & OBSCD	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	.0	.7		8.0
NE	.0	.0	.0	.0		.0
E	.0	.0	.7	.7		7.5
SE	.0	.0	.0	.0		5.5
S	.5	1.2	3.5	2.0		6.0
SW	1.6	7.4	23.4	12.1		6.2
W	.7	1.4	12.8	10.6		6.8
NW	.7	.5	4.6	6.6		5.9
VAR	.0	.0	.0	.0		.0
CALM	.0	3.5	4.3	.0		4.9
TOT OBS	5	20	70	46	141	6.3
TOT PCT	3.5	14.2	49.6	32.6	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8)
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH < 5/8	TOTAL
	149	299	599	999	1999	3999	4999	6499	7999	ANY HGT	OBS	OBS
N	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	2.3	.7	2.8	5.1	.7	.0	.0	.0	.0	4.6
W	.0	.0	2.7	2.7	4.4	1.6	1.2	.0	.0	.0	.0	32.1
NW	.0	.0	.7	1.6	2.8	1.1	.9	.0	.0	.0	.0	12.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	0	9	7	20	12	5	0	0	0	0	88
TOT PCT	.0	.0	6.4	5.0	14.2	8.5	3.5	.0	.0	.0	.0	62.4
												141
												100.0

PERIOD: (PRIMARY) 1924-1970
(OVER-ALL) 1861-1970

MAY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NH)

CEILING (FEET)	CR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	2.8	2.8	3.5	3.5	3.5	3.5	3.5	3.5
OR >2000	9.9	11.3	12.1	12.1	12.1	12.1	12.1	12.1
OR >1000	20.6	24.8	26.2	26.2	26.2	26.2	26.2	26.2
OR >600	22.7	28.4	31.2	31.2	31.2	31.2	31.2	31.2
OR >300	24.1	33.3	36.9	36.9	36.9	36.9	36.9	36.9
OR >150	24.1	33.3	36.9	36.9	36.9	36.9	36.9	36.9
OR > 0	24.1	33.3	36.9	36.9	36.9	36.9	36.9	36.9
TOTAL	34	47	52	52	52	52	52	52

TOTAL NUMBER OF OBS: 141 PCT FREQ NH < 5/81 63.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
0											
1.7	6.3	17.2	14.9	21.8	9.8	11.5	7.5	9.2	.0		174

PERIOD: (PRIMARY) 1924-1970
(OVER-ALL) 1861-1970

MAY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
PCP	.0	.0	.0	.2	.2	.1	.3	.0	.0	.0	.7	
ND PCP	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2	
TOT %	.0	.0	.0	.2	.3	.2	.3	.0	.0	.0	.9	
PCP	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.3	
ND PCP	.1	.0	.0	.0	.0	.2	.0	.1	.0	.0	.3	
TOT %	.1	.0	.0	.0	.1	.3	.2	.1	.0	.0	.7	
PCP	.3	.1	.0	.1	.3	1.0	.7	.2	.0	.0	2.6	
ND PCP	.0	.0	.0	.0	.2	.5	.2	.2	.0	.0	1.0	
TOT %	.3	.1	.0	.1	.5	1.5	.9	.3	.0	.0	3.6	
PCP	.0	.0	.0	.0	.2	1.3	.6	.5	.0	.0	2.6	
ND PCP	.7	.1	.4	.5	2.4	7.8	6.0	3.8	.0	.7	22.5	
TOT %	.7	.1	.4	.5	2.6	9.1	6.7	4.2	.0	.7	25.0	
PCP	.1	.1	.2	.0	.2	.6	.3	.1	.0	.0	1.6	
ND PCP	2.5	3.1	1.9	1.5	6.0	23.2	18.8	6.7	.0	4.3	68.0	
TOT %	2.6	3.2	2.1	1.5	6.2	23.8	19.1	6.8	.0	4.3	69.6	
TOT OBS												579
TOT PCT	3.6	3.3	2.5	2.2	9.6	34.9	27.2	11.5	.0	5.0	100.0	

PERIOD: (PRIMARY) 1924-1970
(OVER-ALL) 1861-1970

MAY

AREA 0012 VICTORIA POINT
9.7N 96.8E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.3
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.3
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.1	.1	.2	.0	.0	.0	.4	.4
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.7	.7
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.3	.3
	11-21	.1	.0	.0	.0	.1	.2	.1	.1	.0	.0	.5	.5
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.0	.0	.1	.2	.3	.1	.0	.0	.8	.8
2<5	0-3	.0	.1	.0	.0	.1	.2	.0	.0	.0	.1	.5	.5
	4-10	.2	.1	.0	.2	.2	.4	.5	.7	.0	.0	2.2	2.2
	11-21	.0	.0	.0	.0	.0	.7	.8	.0	.0	.0	1.4	1.4
	22+	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.5	.5
	TOT %	.2	.2	.0	.2	.4	1.6	1.4	.7	.0	.1	4.7	4.7
5<10	0-3	.1	.1	.1	.0	.0	.3	.1	.5	.0	.5	1.7	1.7
	4-10	.7	.1	.3	.2	.7	2.5	2.7	2.5	.0	.0	9.7	9.7
	11-21	.2	.1	.0	.2	.8	4.0	2.2	.5	.0	.0	8.0	8.0
	22+	.0	.0	.0	.0	.7	1.1	.6	.1	.0	.0	2.5	2.5
	TOT %	1.0	.2	.4	.4	2.1	7.9	5.6	3.7	.0	.5	21.8	21.8
10+	0-3	1.0	2.0	.6	.9	.8	2.4	3.1	1.7	.0	5.7	18.3	18.3
	4-10	1.8	1.9	1.6	1.0	2.4	10.0	10.6	4.4	.0	.0	33.6	33.6
	11-21	.0	.0	.0	.1	2.0	9.0	5.1	1.2	.0	.0	17.4	17.4
	22+	.0	.0	.0	.0	.5	1.7	.4	.0	.0	.0	2.6	2.6
	TOT %	2.8	3.8	2.2	2.0	5.7	23.1	19.2	7.3	.0	5.7	71.8	71.8
TOT OBS													766
TOT PCT		4.0	4.2	2.6	2.7	8.4	33.1	26.9	11.7	.0	6.4	100.0	

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND OCCURRENCE OF NH < 5/8 BY HOUR														
HOUR (GMT)	000 149	150 299	300 599	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	3.1	12.5	6.3	9.4	6.3	.0	.0	.0	.0	37.5	62.5	32
06009	.0	.0	4.4	4.4	6.7	6.7	2.2	.0	.0	.0	.0	24.4	75.6	45
12015	.0	.0	8.5	.0	19.1	8.5	.0	.0	.0	.0	.0	36.2	63.8	47
18021	.0	.0	5.4	2.7	16.2	5.4	5.4	.0	.0	.0	.0	35.1	64.9	37
TOT PCT	.0	.0	9	7	20	12	5	0	0	0	0	53	108	161
	.0	.0	5.6	4.3	12.4	7.5	3.1	.0	.0	.0	.0	32.9	67.1	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR									
HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10 < 15	15 < 20	20 < 25	TOTAL OBS
00003	.0	.0	.0	6.9	17.2	75.9	29		29
06009	.0	.0	.0	5.6	19.4	75.0	36		36
12015	.0	.0	.0	4.7	16.3	79.1	43		43
18021	.0	.0	.0	.0	9.1	90.9	33		33
TOT PCT	.0	.0	.0	6	22	113	141		141
	.0	.0	.0	4.3	15.6	80.1	100.0		100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET,NH >4/8),BY HOUR						
HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	3.4	20.7	20.7	58.6	29
06009	.0	5.6	13.9	19.4	66.7	36
12015	.0	9.3	11.6	27.9	60.5	43
18021	.0	3.0	6.1	30.3	63.6	33
TOT PCT	0 .0	8 3.7	18 12.8	35 24.8	88 62.4	141 100.0

MAY

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.0	.0	12.4	6.2	.0	18	18.6	
80/84	.0	.0	.0	.0	.0	.0	18.6	43.3	11.3	71	73.2	
75/79	.0	.0	.0	.0	.0	.0	.0	2.1	6.2	8	8.2	
TOTAL	0	0	0	0	0	30	50	17		97	100.0	
PCT	.0	.0	.0	.0	.0	30.9	51.5	17.5				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										VAR	CALM
N	NE	E	SE	S	SW	W	NW				
.0	.0	.0	.0	3.9	4.9	6.4	1.3	.0	2.1		
.0	.3	.8	.3	5.2	39.7	16.2	7.7	.0	3.1		
.0	.0	.0	.0	2.6	3.6	2.1	.0	.0	.0		
.0	.3	.8	.3	11.6	48.2	24.7	9.0	.0	5.2		

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN		
00003	88	87	86	83	79	76	75	83.1	133	
06009	90	89	88	84	79	78	74	84.0	320	
12015	90	89	88	83	80	77	77	83.2	209	
18021	88	87	86	83	80	78	75	82.8	271	
TOT	90	89	88	83	79	77	74	83.3	933	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN			
00003	.0	.0	.0	20.0	55.0	25.0	85	20		
06009	.0	.0	.0	31.0	55.2	13.8	82	29		
12015	.0	.0	.0	40.0	44.0	16.0	82	25		
18021	.0	.0	.0	33.3	50.0	16.7	83	24		
TOT	0	0	0	31	50	17	63	98		

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	92	TDI	W	WJ
	76	80	84	88			FDG	FDG	FDG
7/8	.0	.0	.0	.0	.4		2	.0	.4
5	.0	.0	.6	.8	.2		8	.0	1.5
4	.0	.0	2.3	1.5	.8		24	.0	4.6
2	.0	.0	6.8	4.8	.4		62	.0	12.0
1	.0	.0	.8	.8	.0		8	.0	1.5
0	.0	.2	20.9	7.7	.0		149	.0	28.8
-1	.0	.0	3.7	1.5	.0		27	.0	5.2
-2	.0	.6	20.5	2.7	.0		123	.0	23.8
-3	.0	.2	1.7	.2	.0		11	.0	2.1
-4	.0	1.4	9.9	.6	.0		61	.2	11.6
-5	.0	.4	4.3	.0	.0		24	.0	4.6
-6	.0	.2	.6	.0	.0		4	.0	.9
-7/-8	.2	1.5	.2	.0	.0		10	.0	1.9
-9/-10	.0	.6	.0	.0	.0		3	.0	.6
-11/-13	.0	.2	.0	.0	.0		1	.0	.2
TOTAL	1	27	373	107	9		517	1	516
PCT	.2	5.2	72.1	20.7	1.7		100.0	.2	99.8

PERIOD: (OVER-ALL) 1963-1970

MAY
TABLE 18

AREA 0012 VICTORIA POINT
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.5
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.6	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0

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TAPLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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PERIOD: (OVER-ALL) 1963-1970

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	4.3	4.3	2.1	.0	.0	.0	10.6	
1-2	.0	12.8	8.5	.0	.0	.0	21.3	
3-4	.0	12.8	14.9	.0	.0	.0	27.7	
5-6	.0	6.4	14.9	6.4	.0	.0	27.7	
7	.0	.0	6.4	.0	.0	.0	6.4	
8-9	.0	.0	.0	2.1	.0	.0	2.1	
10-11	.0	.0	4.3	.0	.0	.0	4.3	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	4.3	36.2	51.1	8.5	.0	.0	100.0	
							47	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
<6	8.0	16.8	7.2	5.6	3.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	52	3
6-7	.0	4.0	5.6	8.0	8.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34	5
8-9	.0	.0	.8	4.0	4.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	6
10-11	.0	.0	.0	.8	2.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	6
12-13	.0	.0	.0	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	10
>13	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	5
INDET	9.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	0
TOTAL	22	26	18	26	22	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	125	4
PCT	17.5	20.8	14.4	20.8	17.6	3.2	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JUNE

AREA 0012 VICTORIA POINT
9.7N 96.5E

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN				THDR LTNG	FOG NO PCPN	SMOKE HAZE	DUST BLWG SNOW	DUST BLWG SNOW	SIG WEA	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	
S	.1	.4	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	8.9	
SW	2.9	1.4	.8	.0	.0	.0	.0	.0	5.1	.2	.0	.0	.0	.0	53.5	
W	1.4	1.4	.0	.0	.0	.0	.0	.0	2.7	.0	.0	.0	.0	.0	25.1	
NW	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	2.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	23	16	4	.0	.0	.0	.0	.0	.0	1	.0	.0	.0	.0	.6	493
TOT PCT	4.7	3.2	.8	.0	.0	.0	.0	.0	8.7	.2	.0	.0	.0	.0	91.1	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
			DRZL PCPN	FRZG PCPN	SNOW	OTHER FRZN PCPN					FOG NO PCPN	SMOKE HAZE	DUST BLWG SNOW	DUST BLWG SNOW	SIG WEA		
00003	11.5	6.6	.0	.0	.0	.0	.0	18.0	.0	.0	.0	.0	.0	.0	82.0		
06009	2.7	3.3	1.1	.0	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	92.9		
12015	4.0	4.0	1.6	.0	.0	.0	.0	9.5	.0	.0	.0	.0	.0	.0	90.5		
18021	4.8	1.6	.0	.0	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	92.9		
TOT	23	17	4	.0	.0	.0	.0	.0	44	1	.0	.0	.0	.0	452	497	
PCT	4.6	3.4	.8	.0	.0	.0	.0	8.9	.2	.0	.0	.0	.0	.0	90.9		

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

JUNE

AREA 0012 VICTORIA POINT
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	.1	.3	.0	.0	.0	.0	.0	.4	5.0		.0	.0	.8	.4	.0
NE	.0	.1	.0	.0	.0	.0	.0	.1	5.0		.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0
SE	.1	.2	.1	.0	.0	.0	.0	.3	5.8		.5	.6	.3	.4	.0
S	.2	3.7	3.9	.3	.0	.0	.0	8.1	11.5		17.2	10.3	9.2	9.2	.0
SW	1.3	16.8	32.9	7.5	.4	.0	.0	58.9	14.2		60.9	62.8	58.8	58.5	5.2
W	.9	9.9	15.0	3.5	.0	.0	.0	29.3	13.3		21.4	25.0	27.7	27.1	61.7
NW	.2	1.4	.7	.1	.0	.0	.0	2.4	9.0		.0	1.3	2.0	3.9	29.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	1.7
CALM	.6	308	502	108	4	0	954	.6	13.4		.0	.0	1.0	.7	.0
TOT OBS	32	32.3	52.6	11.3	.4	.0		100.0			48	78	196	142	62
TOT PCT	3.4	32.3	52.6	11.3	.4	.0		100.0			100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28	29	30	31	32	33	34					00	03	06	09	12
N	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0	.0	.0	.6	.2	.4
NE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	.0	.0	.1	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.8	.6	.6	.3	.2	.4
S	1.8	4.7	1.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	8.1	11.5	12.9	12.9	9.2	7.4	5.1
SW	5.3	32.3	19.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	58.9	14.2	52.1	58.7	57.7	57.7	58.5
W	3.4	16.6	9.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	29.3	13.3	23.6	27.4	27.4	31.8	32.1
NW	1.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.0	.8	.8	2.8	2.1	2.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.6	524	291	18	18	18	18	18	18	18	18	18	.6	13.4	.0	.0	.9	.5	.7
TOT OBS	121	524	291	18	18	18	18	18	18	18	18	954	100.0		126	338	213	277	277
TOT PCT	12.7	54.9	30.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0

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PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

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TABLE 4

HOUR	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)										TOTAL OBS
	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ		
0000	.0	.8	26.2	61.1	11.1	.8	.0	14.5	100.0		126
0600	.9	4.1	30.5	53.6	10.7	.3	.0	13.4	100.0		338
1201	.5	2.3	34.7	51.2	10.8	.5	.0	13.2	100.0		213
1801	.7	2.2	35.4	48.7	12.6	.4	.0	13.2	100.0		277
TOT	6	26	308	502	108	4	0	13.4			954
F.T	.6	2.7	32.3	52.6	11.3	.4	.0		100.0		

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION								TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8-10	11-15	16-20	21-25	26-30		
N	.0	.0	.0	.8					.8	8.0
NE	.0	.0	.0	.0					.0	.0
E	.0	.0	.0	.0					.0	.0
SE	.0	.2	.8	.0					.0	6.2
S	2.2	3.0	6.2	1.6					.0	4.7
SW	8.1	12.7	33.3	17.3					.0	5.5
W	.8	2.4	5.0	4.8					.0	6.0
NW	.0	.0	.0	.2					.0	8.0
VAR	.0	.0	.0	.0					.0	.0
CALM	.8	.0	.0	.0					.0	.0
TOT OBS	15	23	57	31					126	5.5
TOT PCT	11.9	18.3	45.2	24.6					100.0	

TABLE 6

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION										PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8) AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION										TOTAL OBS
WIND DIR	0-2	3-4	5-7	8 & OBS	TOTAL OBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+ ANY HGT	<5/8 NH	>4/8		
N	.0	.0	.0	.8		8.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0			
NE	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
E	.0	.0	.8	.0		6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SE	.0	.2	.0	1.6		4.7	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.2			
S	2.2	3.0	6.2	17.3		5.5	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	11.3			
SW	8.1	12.7	33.3	4.8		6.0	.8	.8	.2	5.4	8.7	11.9	.0	.0	.0	.8	42.9			
W	.8	2.4	5.0	.2		8.0	.0	.0	1.2	1.2	.6	.0	.8	.0	.0	.0	9.1			
NW	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	.8	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
TOT OBS	15	23	57	31	126	5.5	1	1	2	9	14	15	2	0	0	1	81	126		
TOT PCT	11.9	18.3	45.2	24.6	100.0		.8	.8	1.6	7.1	11.1	11.9	1.6	.0	.0	.8	64.3	100.0		

PERIOD: (PRIMARY), 1918-1971
(COVER-ALL) 1858-1971

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/2) AND VSBY (NH)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NH) = OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.8	.8	.8	.8	.8	.8	.8	.8
OR >5000	.8	.8	.8	.8	.8	.8	.8	.8
OR >3500	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
OR >2000	7.1	9.4	13.4	13.4	13.4	13.4	13.4	13.4
OR >1000	17.3	20.5	24.4	24.4	24.4	24.4	24.4	24.4
OR >600	23.6	27.3	31.5	31.5	31.5	31.5	31.5	31.5
OR >300	24.4	28.3	32.3	32.3	33.1	33.1	33.1	33.1
OR >150	25.2	29.1	33.1	33.1	33.9	33.9	33.9	33.9
OR >0	26.0	29.9	33.9	33.9	34.6	34.6	34.6	34.6
TOTAL	33	38	43	43	44	44	44	44

TOTAL NUMBER OF OBS: 127

PCT FREQ NH <5/8: 65.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	DBSCD	TOTAL OBS
3.0	6.9	22.0	17.3	11.3	7.1	16.1	4.2	10.1	.0		163

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

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TABLE 6

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
ND PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
ND PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1<2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
ND PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
2<5	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
ND PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
5<10	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
ND PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
10+	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
ND PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	0	0	0	0	0	0	0	0	0	0	0	0

4^c

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

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9.7N 96.5E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
	TOT %	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.1	.4	.1	.0	.0	.0	.6	.6
	TOT %	.0	.0	.0	.0	.1	.7	.2	.0	.0	.0	1.0	1.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.2	.6	.4	.0	.0	.0	1.3	1.3
	TOT %	.1	.0	.0	.0	.2	.6	.6	.1	.0	.0	1.7	1.7
2<5	0-3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1
	4-10	.0	.0	.0	.1	.1	.2	1.0	.2	.0	.0	.6	.6
	11-21	.0	.0	.0	.1	.3	1.9	.3	.0	.0	.0	3.6	3.6
	TOT %	.0	.0	.0	.1	.6	2.6	1.5	.4	.0	.0	5.1	5.1
5<10	0-3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.3	.3
	4-10	.1	.1	.0	.0	.7	2.4	3.0	.6	.0	.0	6.8	6.8
	11-21	.0	.0	.0	.0	.7	7.2	3.9	.3	.0	.0	12.1	12.1
	TOT %	.1	.1	.0	.0	1.4	11.5	8.4	.9	.0	.0	22.5	22.5
10+	0-3	.1	.0	.0	.1	.2	.9	.9	.1	.0	.7	3.1	3.1
	4-10	.0	.0	.0	.1	3.0	15.2	7.3	.5	.0	.0	26.0	26.0
	11-21	.0	.0	.0	.0	3.0	22.2	9.6	.3	.0	.0	35.0	35.0
	TOT %	.1	.0	.0	.2	6.2	42.4	18.9	1.0	.0	.7	69.5	69.5
TOT OBS		.3	.1	.0	.4	8.4	57.9	29.7	2.5	.0	.7	100.0	71.9
TOT PCT													

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL ANY HGT	NH <5/8 AND 5+	TOTAL OBS
00003	.0	3.1	.0	3.1	3.1	6.3	3.1	.0	.0	.0	18.8	81.3	32
06009	2.0	.0	.0	8.2	12.2	12.2	2.0	.0	.0	.0	36.7	63.3	49
12015	.0	.0	.0	11.1	11.1	16.7	.0	.0	.0	2.8	41.7	58.3	36
18021	.0	.0	6.1	.0	9.1	3.0	.0	.0	.0	.0	18.2	81.8	33
TOT PCT	1 .7	1 .7	2 1.3	9 6.0	14 9.3	15 10.0	2 1.3	0 .0	0 .0	1 .7	45 30.0	105 70.0	150 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	4.0	96.0	25
06009	.0	.0	.0	4.9	12.2	82.9	41
12015	.0	.0	.0	6.1	9.1	84.8	33
18021	.0	3.6	.0	3.6	3.6	89.3	28
TOT PCT	0 .0	1 .8	0 .0	5 3.9	10 7.9	111 87.4	127 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR
CEILING HGT (FEET, NH >4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	4.0	8.0	12.0	80.0	25
06009	2.4	2.4	17.1	26.8	56.1	41
12015	.0	.0	18.2	27.3	54.5	33
18021	.0	7.1	10.7	10.7	78.6	28
TOT PCT	1 .8	4 3.1	18 14.2	26 20.5	63 65.4	127 100.0

JUNE

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

AREA 0012 VICTORIA POINT
9.7N 96.5E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	.0	.9	4.5	3.6	1.8	12
80/84	.0	.0	.0	.0	.0	.0	21.8	45.5	17.3	93
75/79	.0	.0	.0	.0	.0	.0	.0	1.8	2.7	5
TOTAL	0	0	0	0	0	1	29	56	24	110
PCT	.0	.0	.0	.0	.0	.9	26.4	50.9	21.8	100.0

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	.9	.0	.0	.0	1.8	5.7	1.6	.0	.0	.9
80/84	.0	.0	.0	1.8	9.3	57.0	15.2	.2	.0	.9
75/79	.0	.0	.0	.0	1.8	1.1	1.6	.0	.0	.0
TOTAL	.9	.0	.0	1.8	13.0	63.9	18.4	.2	.0	1.8

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	86	85	85	82	79	76	75	82.3	126
06009	90	88	86	83	79	73	73	82.9	327
12015	88	87	85	82	79	75	73	82.3	203
18021	88	85	84	82	79	75	73	81.8	267
TOT	90	88	85	82	79	75	73	82.4	923

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.0	.0	14.8	51.9	33.3	86	27
06009	.0	.0	2.6	39.5	34.2	23.7	83	38
12015	.0	.0	.0	32.0	48.0	20.0	83	25
18021	.0	.0	.0	25.0	70.8	4.2	82	24
TOT	0	0	1	33	56	24	83	114

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1858-1971

JUNE

AREA 0012 VICTORIA POINT
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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W FOG	WQ FOG
9/10	.0	.0	.7	.0	.0	3	.0	.7
7/8	.0	.0	.2	.0	.0	1	.0	.2
5	.0	.0	.9	.5	.0	6	.0	1.4
4	.0	.2	3.0	1.9	.0	22	.0	5.1
3	.0	.0	.0	.2	.0	1	.0	.2
2	.0	.2	10.0	4.0	.2	62	.0	14.4
1	.0	.0	1.9	.2	.0	9	.0	2.1
0	.0	.2	29.5	3.0	.0	141	.0	32.8
-1	.0	.0	4.0	.2	.0	18	.0	4.2
-2	.5	1.4	21.9	.2	.0	103	.0	24.0
-3	.0	.0	1.4	.0	.0	6	.0	1.4
-4	.9	3.3	4.7	.0	.0	38	.0	8.8
-5	.2	1.6	.9	.0	.0	12	.0	2.8
-6	.0	.5	.0	.0	.0	2	.0	.5
-7/-8	.9	.2	.2	.0	.0	6	.0	1.4
TOTAL	11	33	34.1	44	1	430	0	430
PCT	2.6	7.7	79.3	10.2	.2	100.0		100.0

PERIOD: (OVER-ALL) 1963-1971

JUNE

AREA 0012 VICTORIA POINT
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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	4.1	.0	.0	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.1	.0	.0	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	4.1	.0	.0	.0	.0	.0	4.1
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	4.1	.0	.0	.0	.0	.0	4.1

PERIOD: (OVER-ALL) 1963-1971 JUNE AREA 0012 VICTORIA POINT
9.7N 96.5E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0	.0	.0	.0	4.1
1-2	.0	.0	.0	.0	.0	.0	.0	.0	8.2	4.1	.0	.0	.0	12.2
3-4	.0	9.2	.0	.0	.0	.0	9.2	.0	8.2	17.3	4.1	.0	.0	29.6
5-6	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0	.0	.0	.0	4.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2	.0	.0	.0	12.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	9.2	.0	.0	.0	.0	9.2	.0	24.5	33.7	4.1	.0	.0	62.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	3.1	11.2	.0	.0	.0	14.3	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.1	11.2	.0	.0	.0	14.3	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1971

JUNE

AREA 0012 VICTORIA POINT
9.7N 96.1E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)										PCT	TDT OBS
	C-3	4-10	11-21	22-33	34-47	48+						
<1	11.5	3.8	.0	.0	.0	.0	15.4					
1-2	7.7	7.7	3.8	.0	.0	.0	19.2					
3-4	.0	19.2	26.9	3.8	.0	.0	50.0					
5-6	.0	3.8	.0	.0	.0	.0	3.8					
7	.0	.0	11.5	.0	.0	.0	11.5					
8-9	.0	.0	.0	.0	.0	.0	.0					
10-11	.0	.0	.0	.0	.0	.0	.0					
12	.0	.0	.0	.0	.0	.0	.0					
13-16	.0	.0	.0	.0	.0	.0	.0					
17-19	.0	.0	.0	.0	.0	.0	.0					
20-22	.0	.0	.0	.0	.0	.0	.0					
23-25	.0	.0	.0	.0	.0	.0	.0					
26-32	.0	.0	.0	.0	.0	.0	.0					
33-40	.0	.0	.0	.0	.0	.0	.0					
41-48	.0	.0	.0	.0	.0	.0	.0					
49-53	.0	.0	.0	.0	.0	.0	.0					
61-70	.0	.0	.0	.0	.0	.0	.0					
71-86	.0	.0	.0	.0	.0	.0	.0					
87+	.0	.0	.0	.0	.0	.0	.0					
TOT PCT	19.2	34.6	42.3	3.8	.0	.0	100.0					26

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
<6	3.7	6.5	24.1	7.4	1.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	48	3
6-7	.0	.9	11.1	4.6	12.0	1.9	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	6
8-9	.0	.0	.9	2.8	8.3	3.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	7
10-11	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1
12-13	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	3
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDET	2.8	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	2
TOTAL	6.5	7.4	38.0	14.8	24.1	6.5	1.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	108	5
PCT																					100.0	

JULY

 1923-1970 (PRIMARY)
 1855-1970 (OVER-ALL)

 AREA 0012 VICTORIA POINT
 9.6N 96.5E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWP.	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN				PCPN	FOG	SMOKE	DUST	NO	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	2.0	.9	.5	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	5.4
h	1.8	.9	.2	.0	.0	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	56.7
NW	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	26.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	20	9	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
TOT PCT	4.1	1.9	.6	.0	.0	.0	.0	.0	6.4	.0	.0	.0	.0	.0	.0	45.1
									31							482

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWP.	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN				PCPN	FOG	SMOKE	DUST	NO	
00003	1.5	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	95.6
06009	4.6	.6	.6	.0	.0	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	94.3
12015	3.9	3.1	.0	.0	.0	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	93.0
18021	5.4	1.8	1.8	.0	.0	.0	.0	.0	7.0	.0	.0	.0	.0	.0	.0	92.0
TOT	20	9	3	.0	.0	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	451
PCT	4.1	1.9	.6	.0	.0	.0	.0	.0	6.4	.0	.0	.0	.0	.0	.0	93.6

PERIOD: (PRIMARY) 1923-1970
(OVER-ALL) 1855-1970

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AREA 0012 VICTORIA POINT
9.8N 96.6E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	.1	.2	.1	.0	.0	.0	.0	.3	6.0		.0	.6	.3	.4	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	5.0		.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.2	4.3		1.7	.0	.0	.0	.0
SE	.2	.3	.0	.0	.0	.0	.0	.5	10.0		1.7	1.2	.3	.0	.0
S	.5	3.6	2.6	.0	.0	.0	.0	6.7	13.6		8.1	6.2	9.4	6.8	.0
SW	1.3	18.2	30.7	7.1	.0	.0	.0	57.3	12.8		50.8	57.1	60.1	57.2	5.9
W	1.4	10.4	16.2	2.1	.1	.0	.0	30.2	8.9		31.4	31.5	26.3	29.4	58.1
NW	.2	2.5	.5	.2	.0	.0	.0	3.4	.0		3.0	3.4	3.2	2.8	31.3
VAR	1.4	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	30.7
CALM	4.6	326	462	87	1	0	922	1.4	12.8		3.4	.0	.0	.0	3.9
TOT OBS	5.0	35.4	50.1	9.4	.1	.0		100.0			59	81	195	132	1.6
TOT PCT						.0					100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR WIND SPEED (KNOTS)

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD			00	03	06	09	12
N	.2	.1	.0	.0	.0	.0	.3	6.0			.4	.4	.3	.3	.2
NE	.0	.0	.0	.0	.0	.0	.0	5.0			.0	.0	.0	.0	.0
E	.2	.0	.0	.0	.0	.0	.2	4.3			.7	.0	.0	.0	.0
SE	.4	.1	.0	.0	.0	.0	.5	10.0			1.4	.0	.6	.3	.0
S	1.8	4.0	.8	.0	.0	.0	6.7	13.6			7.0	8.3	5.0	5.9	.0
SW	5.7	31.1	19.8	.7	.0	.0	57.3	12.8			54.5	58.9	56.4	57.5	5.9
W	4.7	16.1	9.1	.3	.0	.0	30.2	8.9			31.4	27.5	32.5	31.0	30.7
NW	1.6	1.4	.4	.1	.0	.0	3.4	.0			3.2	3.1	4.1	3.5	3.9
VAR	1.4	.0	.0	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0
CALM	1.4	487	278	9	0	922	1.4	12.8			1.4	1.2	1.5	1.6	1.6
TOT OBS	148	52.8	30.2	1.0	.0		100.0				140	327	200	255	128
TOT PCT	16.1										100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1923-1970
(OVER-ALL) 1855-1970

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AREA 0012 VICTORIA POINT
9.8N 96.6E

TABLE 4

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
0003	1.4	5.7	34.3	51.4	7.1	.0		.0	12.3	100.0	140
0609	1.2	3.7	34.6	50.5	9.8	.3		.0	13.1	100.0	327
12015	1.5	3.0	35.0	51.0	9.5	.0		.0	12.8	100.0	200
18021	1.6	2.7	37.3	48.2	10.2	.0		.0	12.7	100.0	255
TOT	1.3	33	326	462	87	1		0	12.8		922
PCT	1.4	3.6	35.4	50.1	9.4	.1		.0		100.0	

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION								TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8 &	8-10	11-15	16-20	21-25		
N	.0	.0	.0	.0	.0	.0	.0	.0		.0
NE	.0	.0	.0	.0	.0	.0	.0	.0		.0
E	.0	.0	.0	.0	.0	.0	.0	.0		.0
SE	.0	.0	.0	.0	.0	.0	.0	.0		.0
S	.0	.0	.0	.0	.0	.0	.0	.0		.0
SW	2.3	6.1	19.3	33.2	5.1	2.0	6.1	6.8		6.1
W	1.6	3.9	5.1	12.5	5.1	6.3	6.3	5.1		6.3
NW	.0	.0	.0	.0	.0	.0	.0	.0		.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0
TOT OBS	5	18	41	64	128	100.0				
TOT PCT	3.9	14.1	32.0	50.0	100.0					

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT.) NH >4/8 AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION													
WIND DIR	000				149				150				ANY HGT OBS
	299	300	599	600	299	300	599	600	299	300	599	600	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	0	0	0	0	0	0	0	0	0	0	0	0	0

PERIOD: (PRIMARY) 1923-1970
(OVER-ALL) 1955-1970

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AREA-0012 VICTORIA POINT
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	2.3	3.1	3.1	3.1	3.1	3.1	3.1	3.1
OR >2000	10.9	14.8	14.8	14.8	14.8	14.8	14.8	14.8
OR >1000	21.9	29.7	32.8	32.8	33.6	33.6	33.6	33.6
OR >600	25.8	34.4	38.3	38.3	39.1	39.1	39.1	39.1
OR >300	26.6	35.9	41.4	41.4	42.2	42.2	42.2	42.2
OR >150	26.6	35.9	41.4	41.4	42.2	42.2	42.2	42.2
OR >0	26.6	35.9	41.4	41.4	42.2	42.2	42.2	42.2
TOTAL	34	46	53	53	54	54	54	54

TOTAL NUMBER OF OBS: 128

PCT FREQ NH <5/8: 57.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
3.6	5.1	15.2	24.6	10.1	6.5	5.8	8.0	21.0	.0		138

PERIOD: (PRIMARY) 1923-1970
(OVER-ALL) 1855-1970

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AREA 0012 VICTORIA POINT
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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

WSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2 PCP ND PCP TOT %	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0
1/2<1 PCP ND PCP TOT %	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.2 .0 .2	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.2 .0 .2	.2
1<2 PCP ND PCP TOT %	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.3 .0 .3	.3 .0 .3	.0 .2 .2	.0 .0 .0	.0 .0 .0	.6 .2 .8	.6
2<5 PCP ND PCP TOT %	.0 .0 .0	.0 .0 .0	.2 .0 .2	.0 .0 .0	.0 .0 .0	.8 .5 2.3	.8 .2 1.0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 3.5	1.9 1.7 3.5
5<10 PCP ND PCP TOT %	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .8 .8	1.4 15.7 17.1	1.0 9.5 10.5	.1 .3 .4	.0 .0 .0	.0 .0 .0	.0 26.3 28.8	2.5 26.3 28.8
10+ PCP ND PCP TOT %	.0 .3 .3	.0 .0 .0	.0 .2 .2	.0 .6 .6	.0 4.6 4.6	.6 39.6 40.2	.6 13.8 17.4	.0 2.6 2.6	.0 .0 .0	.0 .6 .6	.0 65.4 66.6	1.2 65.4 66.6
TOT OBS TOT PCT	.3	.0	.4	.6	5.4	60.1	29.3	3.3	.0	.6	100.0	482

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PERIOD: (PRIMARY) 1923-1970
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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.4	.4
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.7	.7
	11-21	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
	22+	.0	.0	.0	.0	.0	.6	.2	.1	.0	.0	.9	.9
	TOT %	.0	.0	.0	.0	.0	.6	.2	.1	.0	.0	.9	.9
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.1	.0	.0	.3	.3	.0	.0	.0	.8	.8
	11-21	.0	.0	.0	.0	.0	1.8	1.2	.0	.0	.0	3.0	3.0
	22+	.0	.0	.0	.0	.0	.7	.3	.2	.0	.0	1.2	1.2
	TOT %	.0	.0	.1	.0	.0	2.8	1.8	.2	.0	.0	5.0	5.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1
	4-10	.0	.0	.0	.0	.1	2.3	2.1	.3	.0	.0	5.0	5.0
	11-21	.0	.0	.0	.0	.2	8.8	5.0	.1	.0	.0	14.0	14.0
	22+	.0	.0	.0	.0	.0	1.5	.6	.0	.0	.0	2.2	2.2
	TOT %	.0	.0	.0	.0	.5	12.6	7.8	.4	.0	.0	21.3	21.3
10+	0-3	.1	.0	.0	.2	.5	1.3	1.3	.1	.0	1.5	5.0	5.0
	4-10	.1	.0	.1	.3	2.5	15.8	8.1	1.4	.0	.0	28.8	28.8
	11-21	.1	.0	.0	.0	2.4	18.5	11.2	.5	.0	.0	32.7	32.7
	22+	.0	.0	.0	.0	.1	4.4	1.3	.1	.0	.0	5.8	5.8
	TOT %	.2	.0	.1	.5	5.9	40.0	22.0	2.1	.0	1.5	72.3	72.3
TOT DBS		.2	.0	.3	.5	6.4	56.3	32.0	2.3	.0	1.5	100.0	737
TOT PCT		.2	.0	.3	.5	6.4	56.3	32.0	2.3	.0	1.5	100.0	737

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PERIOD: (PRIMARY) 1923-1970
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	6.1	15.2	15.2	9.1	.0	.0	.0	45.5	54.5	33
06009	.0	.0	5.4	2.7	16.2	8.1	2.7	.0	.0	.0	35.1	64.9	37
12015	.0	.0	2.6	10.5	15.8	10.5	.0	.0	.0	.0	39.5	60.5	38
18021	.0	.0	3.7	.0	25.9	11.1	.0	.0	.0	.0	40.7	59.3	27
TOT PCT	0 .0	0 .0	4 3.0	7 5.2	24 17.8	15 11.1	4 3.0	0 0	0 0	0 0	54 40.0	81 50.0	135 100.0

TABLE 11

PERCENT FREQUENCY VS BY (N) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	18.8	81.3	32
06009	.0	2.9	.0	8.6	11.4	77.1	35
12015	.0	.0	.0	10.8	19.9	70.3	37
18021	.0	.0	.0	8.3	12.5	79.2	24
TOT PCT	0 .0	1 .8	0 .0	9 7.0	20 15.6	98 76.6	128 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VS BY (NH) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	6.3	40.6	53.1	32
06009	.0	8.6	17.1	22.9	60.0	35
12015	.0	2.7	18.9	24.3	56.8	37
18021	.0	4.2	12.5	33.3	54.2	24
TOT PCT	0 .0	5 3.9	18 14.1	38 29.7	72 56.3	128 100.0

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PERIOD: (PRIMARY) 1923-1970
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	.0	3.5	3.5	.0	8	7.0
80/84	.0	.0	.0	.0	.0	11.3	56.5	14.8	95	82.6
75/79	.0	.0	.0	.0	.0	.0	3.5	6.1	11	9.6
7	.0	.0	.0	.0	.0	.0	.0	.9	1	.7
TOT--	.0	.0	.0	.0	.0	17	73	25	115	100.0
PCT	.0	.0	.0	.0	.0	14.8	63.5	21.7		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
	.0	.0	.0	.0	1.7	4.6	.7	.0	.0	.0
	.0	.0	.9	.9	7.2	48.5	20.0	3.5	.0	1.7
	.0	.0	.0	.0	.0	5.0	4.6	.0	.0	.0
	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0
	.0	.0	.9	.9	8.9	58.9	25.2	3.5	.0	1.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0000	85	84	84	82	78	75	75	81.7	135
0600	88	87	86	83	79	75	74	82.6	323
1200	88	86	84	82	79	77	76	81.7	201
1800	85	84	83	82	79	76	76	81.4	254
TOT	88	86	85	82	79	75	74	81.9	913

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0000	.0	.0	.0	10.7	75.0	14.3	85	28
0600	.0	.0	.0	22.6	54.8	22.6	85	31
1200	.0	.0	.0	11.4	68.6	20.0	86	35
1800	.0	.0	.0	14.3	52.4	33.3	85	21
TOT	0	0	0	17	73	25	85	115

PERIOD: (PRIMARY) 1923-1970
(OVER-ALL) 1855-1970

JULY

AREA 0012 VICTORIA POINT
9.8N 96.6E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	TOT	W	WD
	76	80	84	88	FOG	FOG	FOG
9/10	.0	.0	.2	.0	1	.0	.2
7/8	.0	.0	.4	.2	3	.0	.7
5	.0	.0	.9	.2	5	.0	1.1
4	.0	.0	2.0	1.1	14	.0	3.1
2	.0	.2	13.6	1.6	69	.0	15.3
1	.0	.0	2.4	.4	13	.0	2.9
0	.0	1.3	35.3	.4	167	.0	37.1
-1	.0	.2	4.2	.0	20	.0	4.4
-2	.0	3.8	17.3	.2	96	.0	21.3
-3	.0	.9	2.0	.0	13	.0	2.9
-4	.4	4.4	2.9	.0	35	.0	7.8
-5	.2	1.3	.2	.0	8	.0	1.8
-6	.0	.2	.2	.0	2	.0	.4
-7/-8	.9	.0	.0	.0	4	.0	.9
TOTAL	7	56	368	19	450	0	450
PCT	1.6	12.4	81.8	2.2	100.0		100.0

PERIOD: (OVER-ALL) 1963-1970

JULY

TABLE 18

AREA 0012 VICTORIA POINT
9.8N 96.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1970

JULY

AREA 0012 VICTORIA POINT
9.8N 96.6E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.2	.0	.0	.0	.0	1.2	.4	5.4	.0	.0	.0	.0	5.8
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.7	.0	.0	.0	4.5
3-4	.0	.0	.0	.0	.0	.0	.0	.0	5.0	14.5	.0	.0	.0	19.4
5-6	.0	.0	1.2	.0	.0	.0	1.2	.0	3.3	19.4	3.7	.0	.0	26.4
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	1.7	.0	.0	5.4
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.2	1.2	.0	.0	.0	2.5	.4	14.5	41.3	5.4	.0	.0	51.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.2	1.7	.0	.0	.0	.0	2.9	.0	1.7	.0	.0	.0	.0	1.7
1-2	1.7	7.0	1.2	.0	.0	.0	9.9	.0	.4	.0	.0	.0	.0	.4
3-4	.0	3.3	8.7	.0	.0	.0	12.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	4.1	1.2	.0	.0	15.4	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	1.2	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.9	12.0	15.3	1.2	.0	.0	31.4	.0	2.1	.0	.0	.0	.0	2.1

PERIOD: (OVER-ALL) 1963-1970

JULY

AREA 0012 VICTORIA POINT
9.8N 96.6E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	4.9	9.8	.0	.0	.0	.0	14.8	
1-2	1.6	8.2	4.9	.0	.0	.0	14.8	
3-4	.0	8.2	23.0	.0	.0	.0	31.1	
5-6	.0	3.3	24.6	4.9	.0	.0	32.8	
7	.0	.0	4.9	1.6	.0	.0	6.6	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	6.6	29.5	57.4	6.6	.0	.0	100.0	
							61	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-80	87+	TOTAL	MEAN HGT
<6	.9	9.7	11.5	7.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.35	3
6-7	.0	.9	3.5	25.7	13.3	1.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.52	6
8-9	.0	.9	2.7	4.4	5.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.16	5
10-11	.0	.0	.0	.9	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
INDET	3.5	.0	1.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2
TOTAL	5	13	22	44	24	4	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.113	5
PCT	4.4	11.5	19.5	38.9	21.2	3.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.100.0	

PERIOD: (PRIMARY) 1918-1967
(COVER-ALL) 1855-1967

AUGUST

AREA 0012 VICTORIA POINT
9.7N 96.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	PCPN	SNOW					PCPN	WV	SMOKE	DUST	NO	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.6	
NE	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.3	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	
S	.1	.2	.2	.0	.0	.0	.0	.6	.0	.2	.0	.0	.0	.0	5.0	
SW	3.5	.8	.2	.0	.0	.0	.0	4.5	.0	.1	.0	.0	.0	.0	43.5	
W	3.4	.7	.2	.0	.0	.0	.0	4.3	.0	.2	.0	.0	.0	.0	30.9	
NW	.9	.2	.0	.0	.0	.0	.0	1.1	.0	.1	.0	.0	.0	.0	5.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	
TOT OBS	36	9	3	0	0	0	0	.0	48	3	0	0	0	0	395	
TOT PCT	8.1	2.0	.7	.0	.0	.0	.0	10.8		.7	.0	.0	.0	.0	88.6	446

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GHT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	PCPN	SNOW					PCPN	WV	SMOKE	DUST	NO	
0003	13.5	3.4	.0	.0	.0	.0	.0	16.9	.0	.0	.0	.0	.0	.0	83.1	
0609	6.7	1.8	.6	.0	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	90.9	
12015	7.1	1.8	.9	.0	.0	.0	.0	9.7	.0	.0	.0	.0	.0	.0	90.3	
18021	8.1	2.7	.9	.0	.0	.0	.0	11.7	.0	.0	.0	.0	.0	.0	85.6	
TOT	36	10	3	0	0	0	0		49	3	0	0	0	0	395	447
PCT	8.1	2.2	.7	.0	.0	.0	.0	11.0		.7	.0	.0	.0	.0	88.4	

PERIOD: (PRIMARY) 1918-1967
(OVER-ALL) 1855-1967

AUGUST

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

AREA 0012 VICTORIA POINT
9.7N 96.7E

WIND DIRECTION BY SPEED AND BY HOUR																	
WIND DIR		WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
		0-3	4-10	11-21	22-33	34-47				00	03	06	09	12	15	18	21
N	.1	.5	.1	.0	.0	.0	.7	6.1	.0	1.3	1.4	.0	.0	.0	.4	1.0	.4
NE	.7	.1	.1	.0	.0	.0	.9	3.7	1.9	.0	.9	.4	.0	.0	1.4	.4	1.8
E	.3	.1	.0	.0	.0	.0	.5	2.7	.0	.0	1.2	.4	.0	.0	.0	.8	.4
SE	.3	.1	.0	.0	.0	.0	.4	2.8	.0	.0	1.2	.0	.0	.0	.7	.0	.4
S	.4	3.1	1.5	.1	.0	.0	5.1	9.5	3.4	5.9	8.1	5.3	4.1	1.8	5.8	4.4	4.4
SW	.9	18.6	27.7	4.7	.0	.0	51.9	13.0	55.3	50.3	48.3	50.4	51.0	55.1	56.2	50.6	50.6
W	1.3	11.1	16.9	4.6	.0	.0	33.9	13.2	33.7	36.5	33.5	34.0	35.2	34.1	28.9	36.6	36.6
NW	.5	2.4	1.1	.2	.1	.0	4.2	9.9	1.9	2.0	4.3	5.7	7.7	4.3	3.5	4.0	4.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.5	31.5	41.4	8.4	1	0	87.6	2.5	3.8	3.9	1.2	3.8	2.0	2.2	3.3	1.5	1.5
TOT OBS	62	36.0	47.3	9.6	.1	.0	100.0	100.0	12.2	52	76	173	131	49	138	121	136
TOT PCT	7.1	36.0	47.3	9.6	.1	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A																		
WIND DIR	0-5	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
		7-16	17-27	28-40	41+	00					03	06	09	12	15	18	21	
N	.5	.1	.1	.0	.0	.0	.0	.7	6.1	.8	.8	.8	.7	.3	.7	.7	.6	.6
NE	.7	.1	.0	.0	.0	.0	.0	.9	3.7	.8	.8	.8	.7	1.1	1.2	1.2	1.2	1.2
E	.5	.0	.0	.0	.0	.0	.0	.5	2.7	.0	.0	.0	.8	.0	.0	.0	.0	.0
SE	.4	.0	.0	.0	.0	.0	.0	.4	2.8	.0	.0	.0	.7	.5	.2	.2	.2	.2
S	1.5	3.1	.6	.0	.0	.0	.0	5.1	9.5	4.9	4.9	6.9	2.4	2.4	5.1	5.1	5.1	5.1
SW	5.9	31.4	14.2	.3	.0	.0	.0	51.9	13.0	52.3	52.3	49.2	54.0	53.2	53.2	53.2	53.2	53.2
W	5.5	17.8	10.1	.5	.0	.0	.0	33.9	13.2	35.4	35.4	33.7	34.4	33.0	33.0	33.0	33.0	33.0
NW	1.9	1.6	.6	.1	.0	.0	.0	4.2	9.9	2.0	2.0	4.9	5.2	5.2	3.8	3.8	3.8	3.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.5	47.4	22.4	.8	.0	.0	.0	2.5	.0	3.8	3.8	2.3	2.3	2.1	2.3	2.3	2.3	2.3
TOT OBS	170	54.1	25.6	.9	.0	.0	.0	100.0	12.2	128	128	304	187	121	257	257	257	257
TOT PCT	19.4	54.1	25.6	.9	.0	.0	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1918-1967
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT		TOTAL OBS
				11-21	22-33	34-47	48+			FREQ		
0000	3.9	4.7	34.4	50.0	7.0	.0	.0	.0	12.2	100.0		128
0600	2.3	4.6	34.2	45.7	12.8	.3	.0	.0	12.7	100.0		304
1200	2.1	4.3	35.3	46.5	11.2	.0	.0	.0	12.3	100.0		187
1800	2.3	4.3	39.3	48.2	5.8	.0	.0	.0	11.6	100.0		257
TOT	22	40	315	414	84	1	.0	.0	12.2			876
PCT	2.5	4.6	36.0	47.3	9.6	.1	.0	.0		100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0
SW	3.3	8.3	2.8	2.5	6.1	6.1
W	1.5	3.3	11.0	6.8	6.0	6.0
NW	.3	.8	4.3	1.3	5.7	5.7
VAR	.0	.0	.0	.0	.0	.0
CALM	.0	1.0	2.0	.0	4.3	4.3
TOT OBS	5	15	45	35	100	6.0
TOT PCT	5.0	15.0	45.0	35.0	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH > 4/8
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3499	4999	5000	6499	7999	8000+	NH < 5/8	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NH)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
OR >5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
OR >3500	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
OR >2000	5.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
OR >1000	16.8	24.8	26.7	26.7	26.7	26.7	26.7	26.7
OR >600	21.8	34.7	36.6	36.6	36.6	36.6	36.6	36.6
OR >300	21.8	36.6	38.6	38.6	38.6	38.6	38.6	38.6
OR >150	21.8	36.6	38.6	38.6	38.6	38.6	38.6	38.6
OR >0	21.8	36.6	38.6	39.6	39.6	39.6	39.6	39.6
TOTAL	22	37	39	40	40	40	40	40

TOTAL NUMBER OF OBS: 101

PCT FREQ NH < 5/8: 60.4

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
1.0	8.8	14.2	24.8	8.8	11.5	8.0	4.4	16.8	.9		113

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
PCP	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.4	
NO PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.7	
PCP	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.4	
TOT %	.0	.0	.0	.0	.0	.1	.6	.0	.0	.0	.7	
PCP	.0	.0	.0	.0	.0	.6	.3	.0	.0	.0	.9	
NO PCP	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	.6	.6	.0	.0	.0	1.1	
PCP	.0	.0	.0	.0	.0	.9	2.0	.7	.0	.0	3.6	
NO PCP	.0	.0	.0	.0	.0	1.3	.7	.0	.0	.0	2.0	
TOT %	.0	.0	.0	.0	.0	2.2	2.7	.7	.0	.0	5.6	
PCP	.0	.0	.0	.0	.2	2.4	1.5	.2	.0	.0	4.3	
NO PCP	.2	.0	.0	.0	1.2	13.7	11.8	1.4	.0	.0	28.3	
TOT %	.2	.0	.0	.0	1.5	16.0	13.2	1.6	.0	.0	32.5	
PCP	.0	.2	.0	.0	.3	.4	.2	.2	.0	.0	1.3	
NO PCP	.6	1.3	.9	.7	4.0	28.3	17.9	3.6	.0	.7	58.1	
TOT %	.6	1.6	.9	.7	4.4	28.7	18.1	3.9	.0	.7	59.4	
TOT OBS	.7	1.6	.9	.7	5.8	48.1	35.4	6.2	.0	.7	100.0	446
TOT PCT												

PERIOD: (PRIMARY) 1918-1967
(OVER-ALL) 1853-1967

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.4	.4
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.3	.2	.1	.0	.0	.6	.6
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.4	.4
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.1	.4	.0	.0	.0	.4	.4
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.6	.6
	22+	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1
	TOT %	.0	.0	.0	.0	.0	.5	.4	.1	.0	.0	1.0	1.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.1	.9	.2	.1	.0	.0	1.3	1.3
	11-21	.0	.0	.0	.0	.0	1.9	1.0	.3	.0	.0	3.3	3.3
	22+	.0	.0	.0	.0	.1	.6	.9	.1	.0	.0	1.6	1.6
	TOT %	.0	.0	.0	.0	.2	3.4	2.2	.4	.0	.0	6.3	6.3
5<10	0-3	.1	.1	.0	.0	.0	.2	.1	.1	.0	.0	.6	.6
	4-10	.1	.0	.0	.0	.6	2.3	2.8	.7	.0	.0	6.6	6.6
	11-21	.0	.0	.0	.0	.4	8.6	5.1	.1	.0	.0	14.2	14.2
	22+	.0	.0	.0	.0	.0	1.4	2.3	.1	.0	.0	3.7	3.7
	TOT %	.2	.1	.0	.0	1.0	12.5	10.3	1.1	.0	.0	25.2	25.2
10+	0-3	.1	.9	.4	.3	.5	.8	1.5	.3	.0	.2	7.0	7.0
	4-10	.4	.1	.1	.1	2.2	13.9	7.7	2.2	.0	.0	23.9	23.9
	11-21	.1	.1	.0	.0	1.0	16.2	10.3	.4	.0	.0	28.2	28.2
	22+	.0	.0	.0	.0	.1	2.3	1.9	.1	.0	.0	4.4	4.4
	TOT %	.5	1.1	.6	.4	3.8	33.3	21.4	3.0	.0	2.2	66.4	66.4
TOT OBS		.7	1.2	.6	.4	5.0	50.1	34.9	4.7	.0	2.2	100.0	667
TOT PCT													

PERIOD: (PRIMARY) 1918-1967
(OVER-ALL) 1855-1967

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	3.3	.0	6.7	6.7	10.0	10.0	.0	.0	3.3	46.0	60.0	30
06009	.0	.0	.0	13.6	13.6	4.5	4.5	.0	.0	36.4	63.6	22
12015	.0	.0	.0	10.7	28.6	.0	.0	.0	.0	39.3	60.7	28
18021	.0	.0	.0	7.7	23.1	3.8	.0	.0	.0	34.6	65.4	26
TOT PCT	1 .9	0 .0	2 1.9	10 9.4	20 18.9	5 4.7	.9 4.7	0 .0	1 .9	40 37.7	66 62.3	106 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	3.6	10.7	14.3	71.4	28
06009	.0	.0	.0	.0	13.6	86.4	22
12015	.0	.0	.0	.0	25.9	74.1	27
18021	.0	.0	.0	.0	25.0	75.0	24
TOT PCT	0 .0	0 .0	1 1.0	3 3.0	20 19.8	77 76.2	101 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 < 50YD	< 600 < 1	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	3.6	10.7	28.6	17.9	53.6	28
06009	.0	.0	13.6	22.7	63.6	22
12015	.0	.0	11.1	29.6	59.3	27
18021	.0	.0	8.3	29.2	62.5	24
TOT PCT	1 1.0	3 3.0	16 15.8	25 24.8	60 59.4	101 100.0

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PERIOD: (PRIMARY) 1918-1967
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	.0	6.1	.0	.0	5	6.1
80/84	.0	.0	.0	.0	.0	17.1	57.3	7.3	67	81.7
75/79	.0	.0	.0	.0	.0	1.2	2.4	8.5	10	12.2
TOTAL	0	0	0	0	0	20	49	13	82	100.0
PCT	.0	.0	.0	.0	.0	24.4	59.8	15.9		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	.0	.0	.0	.0	1.2	4.0	.9	.0	.0	.0
80/84	.0	.0	.0	.0	6.1	49.4	18.0	4.6	.0	3.7
75/79	.9	.0	.0	.0	.0	7.3	3.7	.3	.0	.0
TOTAL	.9	.0	.0	.0	7.3	60.7	22.6	4.9	.0	3.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	80	84	83	82	78	75	74	81.2	124
06009	89	88	86	82	77	76	74	82.2	304
12015	88	86	84	82	79	77	75	81.5	186
18021	86	84	83	81	77	76	73	81.0	256
TOT	89	87	84	82	78	76	74	81.5	870

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.0	.0	9.1	63.2	22.7	86	22
06009	.0	.0	.0	38.9	61.1	.0	81	18
12015	.0	.0	.0	25.0	65.0	10.0	83	20
18021	.0	.0	.0	26.1	47.8	26.1	85	23
TOT	0	0	0	20	50	13	84	83

PERIOD: (PRIMARY) 1918-1957
(OVER-ALL) 1955-1967

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	TOT	W	MO
	76	80	84	88	FOG	FOG	FOG
7/8	.0	.0	.2	.0	1	.0	.2
5	.0	.0	.0	1.0	4	.0	1.0
4	.0	.0	1.7	1.2	12	.0	2.9
3	.0	.0	.5	.2	3	.0	.7
2	.0	.0	16.5	1.0	74	.0	17.9
1	.0	.0	1.7	.0	7	.0	1.7
0	.0	1.2	31.6	.7	139	.0	33.6
-1	.0	.2	6.0	.0	22	.0	6.3
-2	.0	7.0	12.8	.0	82	.0	19.8
-3	.0	.7	1.0	.0	7	.0	1.7
-4	.0	6.5	3.1	.0	40	.0	9.7
-5	1.0	2.7	.2	.0	16	.0	3.9
-7/-8	.0	.2	.2	.0	2	.0	.5
-9/-10	.0	.2	.0	.0	1	.0	.2
TOTAL	4	78	315	17	414	0	414
PCT	1.0	16.8	76.1	4.1	100.0		100.0

PERIOD: (OVER-ALL) 1963-1967

AUGUST
TABLE 18

AREA 0012 VICTORIA POINT
9.7N 96.7E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N				NE				PCT
	1-3	4-10	11-21	22-33	34-47	48+	48+	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	PCT
1-2	.0	1.9	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	2.6
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.9	.0	.0	.0	.0	.0	.0	2.6

HGT	E				SE				PCT
	1-3	4-10	11-21	22-33	34-47	48+	48+	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	PCT
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.9	.0	.0	.0	.0	.0	1.9	.6	3.2	.0	.0	.0	.0	3.9
1-2	.0	2.6	2.6	.0	.0	.0	5.2	.0	11.7	5.2	.0	.0	.0	16.9
3-4	.0	.0	.0	.0	.0	.0	.0	.0	2.6	11.0	.0	.0	.0	13.6
5-6	.0	.0	2.6	.0	.0	.0	2.6	.0	.0	1.3	.0	.0	.0	3.9
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.6
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.9	2.6	5.2	.0	.0	.0	9.7	.6	20.1	18.2	.0	.0	.0	39.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.9	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0
1-2	.0	11.0	.0	.0	.0	.0	11.0	.0	1.3	.0	.0	.0	.0	1.3
3-4	.0	.0	3.9	.0	.0	.0	3.9	.0	7.8	.6	.0	.0	.0	8.4
5-6	.0	.0	5.8	.0	.0	.0	5.8	.0	.0	3.2	.0	.0	.0	3.2
7	5.2	.0	1.9	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	5.2	13.0	11.7	.0	.0	.0	29.9	.0	9.1	3.9	.0	.0	.0	13.0

PERIOD: (OVER-ALL) 1963-1967

AUGUST

AREA 0012 VICTORIA POINT
9.7N 96.7E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	5.0	7.5	.0	.0	.0	.0	12.5	40
1-2	.0	30.0	7.5	.0	.0	.0	37.5	
3-4	2.5	10.0	15.0	.0	.0	.0	27.5	
5-6	.0	2.5	12.5	.0	.0	.0	15.0	
7	5.0	.0	2.5	.0	.0	.0	7.5	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	12.5	50.0	37.5	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1963-1967

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	.0	9.5	20.0	11.6	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	41	4
6-7	.0	.0	21.1	7.4	7.4	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36	4
8-9	.0	.0	1.1	7.4	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	6
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	3
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	95	4
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOTAL	2.1	9.5	42.1	29.5	14.7	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	
PCT	2.1	9.5	42.1	29.5	14.7	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

SEPTEMBER

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1906-1971

AREA 0012 VICTORIA POINT
9.7N 96.6E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE			TOTAL PCPN	PCT FREQ PCPN AT TIME	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN				FG	SMOKE	DUST	BLWG	SIG WEA	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
S	.1	.2	.1	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	4.9
SW	2.5	.6	.5	.0	.0	.0	.0	3.7	.2	.2	.2	.0	.0	.0	29.8
W	4.0	.8	.9	.0	.0	.0	.0	5.5	.0	.0	.0	.0	.0	.0	39.5
NW	1.1	.4	.2	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	37	10	7	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	478
TOT PCT	7.7	2.1	1.5	.0	.0	.0	.0	11.1	.3	1	1	.2	.0	.0	88.5

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			TOTAL PCPN	PCT FREQ PCPN AT TIME	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN				FG	SMOKE	DUST	BLWG	SIG WEA	
00003	11.6	.0	1.4	.0	.0	.0	.0	13.0	.0	.0	.0	.0	.0	.0	87.0
06009	5.4	2.4	2.4	.0	.0	.0	.0	9.6	.0	.0	.0	.0	.0	.0	90.4
12015	9.4	2.4	.8	.0	.0	.0	.0	12.6	.0	.0	.0	.0	.0	.0	87.4
18021	6.4	2.4	.8	.0	.0	.0	.0	9.6	.8	.8	.0	.0	.0	.0	86.8
TOT	37	10	7	0	0	0	0	53	1	1	.2	.0	.0	.0	487
PCT	7.0	2.1	1.4	.0	.0	.0	.0	10.9	.2	.2	.0	.0	.0	.0	88.7

SEPTEMBER

PERIOD: (PRIMARY) 1923-1971
(OVER-ALL) 1906-1971

AREA 0012 VICTORIA POINT
9.7N 96.5E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+				00	03	06	09	12	15	18	21
N	.4	.9	.0	.0	.0	.0	.0	1.4	4.8	1.6	.7	2.0	2.6	1.4	1.5	.4	.8
NE	.0	.2	.0	.0	.0	.0	.0	.2	7.0	.0	.7	.3	.0	1.4	.0	.0	.0
E	.4	.2	.2	.0	.0	.0	.0	.8	5.2	.0	2.0	1.7	1.3	.0	.8	.0	.4
SE	.4	.2	.3	.0	.0	.0	.0	.9	6.6	.0	2.0	1.0	.4	1.4	.8	.0	1.6
S	.4	3.1	1.2	.0	.0	.0	.0	4.8	8.6	6.3	7.4	6.2	3.5	7.2	2.7	4.7	2.4
SW	1.4	19.4	13.7	2.6	.0	.0	.0	37.1	11.2	35.3	37.8	36.1	36.0	35.6	40.1	36.7	38.2
W	2.2	20.1	17.9	2.4	.0	.0	.0	42.5	11.1	46.4	36.5	41.2	43.0	44.9	42.4	45.1	41.7
NW	2.1	5.7	2.6	.3	.0	.0	.0	10.6	8.1	10.3	12.8	11.1	13.2	8.2	8.8	11.8	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.7	4.8	32.1	48	.0	.0	899	1.7	10.3	63	74	178	.0	.0	3.1	4.3	3.1
TOT OBS	82	448	35.7	5.3	.0	.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	9.1	49.8															

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)				41+ TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-6	7-15	17-27	28-40				00	03	06	09	12	15	18	21	
N	1.1	.3	.0	.0	.0	1.4	4.8	1.1	2.2	1.5	.6					
NE	.1	.1	.0	.0	.0	.2	7.0	.4	1.5	.5	.0					
E	.6	.2	.0	.0	.0	.8	5.2	1.1	.8	.2	.0					
SE	.5	.4	.0	.0	.0	.9	6.6	1.1	1.0	.8	.0					
S	1.6	2.8	.4	.0	.0	4.8	8.6	6.9	5.1	4.3	3.6					
SW	8.2	21.4	7.0	.4	.0	37.1	11.2	36.7	36.0	38.5	37.4					
W	9.7	24.9	7.5	.4	.0	42.5	11.1	41.1	41.9	43.3	43.5					
NW	5.4	4.3	.9	.0	.0	10.6	8.1	11.7	11.9	8.6	10.2					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	1.7	4.8	1.42	.8	.0	1.7	10.3	.0	.3	2.0	3.8					
TOT OBS	260	489	15.8	.9	.0	137		100.0	292	204	266					
TOT PCT	28.9	54.4			.0	100.0		100.0	100.0	100.0	100.0					

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT	TOTAL
										OBS
00003	.0	10.9	50.6	35.8	2.9	.0	.0	10.0	100.0	137
06009	.3	7.9	49.0	37.7	5.1	.0	.0	10.5	100.0	292
12015	2.0	5.4	50.0	35.3	7.4	.0	.0	10.9	100.0	204
18021	3.8	6.8	50.4	33.8	5.3	.0	.0	9.9	100.0	266
TOT	15	67	448	321	48	0	0	10.3		899
PCT	1.7	7.5	49.8	35.7	5.3	.0	.0	100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL
					OBS
N	.0	.0	1.8	.0	5.0
NE	.0	.0	.9	.0	6.0
E	.0	.0	.0	.0	7.6
SE	.0	.0	.2	.9	5.8
S	.7	.9	7.9	1.5	6.7
SW	2.0	3.7	14.0	20.0	6.3
W	3.5	5.5	11.8	16.7	6.8
NW	.0	1.3	2.0	3.9	.0
VAR	.0	.0	.0	.0	6.0
CALM	.0	.0	.9	.0	6.4
TOT OBS	7	13	45	49	114
TOT PCT	6.1	11.4	39.5	43.0	100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

	300	150	299	300	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	ANY HGT	TOTAL
	149	299	599	599	599	999	1999	3499	5999	6499	7999				OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.3
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	1	5	12	24	7	4	1	0	0	0	0	0	0	114
TOT PCT	.0	.9	4.4	10.5	21.1	6.1	3.5	.9	.0	.0	.0	.0	.0	.0	100.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NH)

CEILING (FEET)	VSBY (NH)		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>0	>0	>0	>0
OR > 6500	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
OR > 5000	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
OR > 3500	2.6	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
OR > 2000	6.0	9.5	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
OR > 1000	19.0	27.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
OR > 600	27.6	37.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
OR > 300	27.6	39.7	45.7	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
OR > 150	27.6	39.7	45.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
OR > 0	27.6	39.7	46.6	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
TOTAL	32	46	54	55	55	55	55	55	55	55	55	55

TOTAL NUMBER OF OBS: 116

PCT FREQ NH < 5/81 52.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OHSCD	TOTAL OBS
1.6	6.5	18.7	12.2	12.2	12.2	10.6	7.3	12.2	18.7	.0	123

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AREA 9012 VICTORIA POINT
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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.1	.5	.0	.0	.0	.6	
<1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.5	.0	.0	.0	.6	
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
1/2<1 NO PCP	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.4	
TOT %	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.6	
PCP	.0	.0	.0	.0	.0	.2	.6	.4	.0	.0	1.3	
1<2 NO PCP	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	.2	.8	.4	.0	.0	1.5	
PCP	.0	.0	.0	.0	.2	1.0	1.2	.6	.0	.0	2.9	
2<5 NO PCP	.0	.0	.0	.0	.2	.5	1.7	.7	.0	.0	3.1	
TOT %	.0	.0	.0	.0	.4	1.5	2.9	1.3	.0	.0	6.1	
PCP	.0	.0	.0	.0	.0	1.3	2.5	.3	.0	.0	4.2	
5<10 NO PCP	.6	.0	.0	.1	.6	7.7	9.4	2.5	.0	.4	21.3	
TOT %	.6	.0	.0	.1	.6	9.0	12.0	2.8	.0	.4	25.5	
PCP	.0	.0	.0	.0	.2	.9	.5	.2	.0	.0	1.9	
10+ NO PCP	.7	.2	.8	1.3	4.1	21.8	27.9	6.5	.0	.4	63.8	
TOT %	.7	.2	.8	1.3	4.3	22.8	28.5	6.7	.0	.4	65.7	
TOT OBS	1.4	.2	.8	1.4	5.3	33.9	45.0	11.2	.0	.8	100.0	478
TOT PCT												

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.3	.3
	TOT x	.0	.0	.0	.0	.0	.1	.4	.0	.0	.1	.6	.6
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.4	.4
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT x	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.4	.4
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.3	.6	.1	.0	.0	1.0	1.0
	22+	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
	TOT x	.0	.0	.0	.0	.0	.4	.6	.3	.0	.0	1.3	1.3
2<5	0-3	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1
	4-10	.1	.0	.0	.0	.2	.9	1.0	.4	.0	.0	2.5	2.5
	11-21	.0	.0	.0	.0	.1	1.7	1.5	.4	.0	.0	3.7	3.7
	22+	.0	.0	.0	.0	.0	.5	.2	.1	.0	.0	.8	.8
	TOT x	.1	.0	.0	.0	.3	3.1	2.8	1.0	.0	.0	7.2	7.2
5<10	0-3	.1	.0	.0	.1	.1	.1	.3	.0	.0	.3	1.0	1.0
	4-10	.4	.0	.0	.3	.3	3.3	3.9	1.3	.0	.0	9.2	9.2
	11-21	.0	.0	.0	.1	.1	2.5	4.6	1.2	.0	.0	8.5	8.5
	22+	.0	.0	.0	.0	.0	.5	.6	.1	.0	.0	1.4	1.4
	TOT x	.5	.0	.0	.1	.5	6.4	9.6	2.6	.0	.3	20.0	20.0
10+	0-3	.3	.0	.6	.3	.2	1.4	2.3	2.0	.0	1.4	8.5	8.5
	4-10	.7	.3	.3	.2	2.9	13.6	15.3	5.2	.0	.0	38.7	38.7
	11-21	.0	.0	.2	.4	1.2	8.9	10.6	1.0	.0	.0	22.3	22.3
	22+	.0	.0	.0	.0	.0	.4	.6	.1	.0	.0	1.1	1.1
	TOT x	1.0	.3	1.1	.9	4.3	24.4	29.0	8.2	.0	1.4	70.6	70.6
	TOT OBS												710
	TOT PCT	1.5	.3	1.1	1.0	5.0	34.6	42.6	12.1	.0	1.8	100.0	

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	3.4	3.4	3.4	17.2	6.9	3.4	3.4	.0	.0	41.4	58.6	29
06009	.0	.0	3.3	10.0	23.3	6.7	.0	.0	.0	.0	43.3	56.7	30
12015	.0	.0	3.1	12.5	21.9	9.4	6.3	.0	.0	.0	53.1	46.9	32
18021	.0	.0	7.4	14.8	18.5	.0	3.7	.0	.0	3.7	48.1	51.9	27
TOT PCT	0 .0	1 .8	5 4.2	12 10.2	24 20.3	7 5.9	4 3.4	1 .8	0 .0	1 .8	55 46.6	63 53.4	118 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	10.7	21.4	67.9	28
06009	.0	.0	.0	6.7	13.3	80.0	30
12015	.0	.0	3.1	9.4	9.4	78.1	32
18021	.0	.0	.0	15.4	11.5	73.1	26
TOT PCT	0 .0	0 .0	1 .9	12 10.3	16 13.8	87 75.0	116 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH >4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	7.1	17.9	25.0	57.1	28
06009	.0	3.3	20.0	26.7	53.3	30
12015	.0	3.1	21.9	31.3	46.9	32
18021	.0	7.7	34.6	26.9	38.5	26
TOT PCT	0 .0	6 5.2	27 23.3	32 27.6	57 49.1	116 100.0

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TABLE 13

		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL	PCT
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	DBS	FREQ		
85/89	.0	.0	.0	.0	.0	.0	2.6	.9	.0	4	3.5		
80/84	.0	.0	.0	.0	.0	.0	21.7	45.2	12.2	91	79.1		
75/79	.0	.0	.0	.0	.0	.0	.0	5.2	12.2	20	17.4		
TOTAL	.0	.0	.0	.0	.0	.0	28	59	28	115	100.0		
PCT	.0	.0	.0	.0	.0	.0	24.3	51.3	24.3				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											VAR	CALM
N	NE	E	SE	S	SW	W	NW					
.9	.0	.0	.2	.7	.0	1.5	.2				.0	.0
.0	.9	.0	.0	7.8	33.5	30.7	5.4				.0	.9
.0	.0	.0	.9	.0	6.3	8.5	1.7				.0	.0
.9	.9	.0	1.1	8.5	39.8	40.7	7.4				.0	.9

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00003	87	84	83	81	78	76	76	80.9	136	
06009	86	87	86	82	77	75	75	81.8	290	
12015	86	85	83	81	77	75	75	80.8	204	
18021	86	83	82	81	77	75	75	80.5	269	
TOT	88	86	84	81	77	75	75	81.0	899	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											MEAN	TOTAL
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100						DBS
00003	.0	.0	.0	10.7	60.7	28.6					83	28
06009	.0	.0	.0	46.7	36.7	16.7					83	30
12015	.0	.0	.0	23.3	46.7	30.0					86	30
18021	.0	.0	.0	13.3	63.3	23.3					85	30
TOT	.0	.0	.0	28	61	29					85	118

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PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
 VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA		73	77	81	85	TST		W	MO
TMP DIF		76	80	84	88	FOG		FOG	FOG
5		.0	.0	.7	.4	3	.0	1.1	
4		.0	.4	4.0	.9	24	.2	5.1	
3		.0	.0	.0	.2	1	.0	.2	
2		.0	1.3	11.4	1.1	62	.0	13.9	
1		.0	.2	1.6	.0	8	.0	1.8	
0		.2	2.9	27.1	.2	136	.0	30.4	
-1		.0	.4	4.7	.0	23	.0	5.1	
-2		.0	8.5	17.2	.0	115	.0	25.7	
-3		.0	1.6	1.8	.2	16	.0	3.6	
-4		.7	4.0	2.2	.0	31	.0	6.9	
-5		.9	2.5	.2	.0	16	.0	3.6	
-6		.0	.9	.0	.0	4	.0	.9	
-7/-8		.2	.7	.0	.0	4	.0	.9	
-9/-10		.2	.2	.0	.0	2	.0	.4	
TOTAL		10	106	317	14	447	1	446	
PCT		2.2	23.7	70.9	3.1	100.0	.2	99.8	

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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	N	22-33	34-47	48+	PCT	1-3	4-10	11-21	NE	22-33	34-47	48+	PCT
<1	.0	2.5	.0	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	2.5	.0	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0

HGT	E					SE					PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SEPTEMBER
TABLE 18
AREA 0012 VICTORIA POINT
9.7N 95.6E

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.9	.0	.0	.0	.0	1.9	.0	13.1	10.0	.0	.0	.0	25.1
3-4	.0	.0	.0	.0	.0	.0	.0	.0	12.5	5.6	.0	.0	.0	18.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	.0	.0	.0	8.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.9	.0	.0	.0	.0	1.9	.0	25.6	24.4	.0	.0	.0	50.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	5.0	.0	.0	.0	.0	11.9	.0	2.5	3.1	.0	.0	.0	2.5
3-4	.0	.0	.0	.0	.0	.0	15.3	.0	.0	3.1	.0	.0	.0	3.1
5-6	.0	.0	.0	.0	.0	.0	6.9	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	15.0	21.9	.0	.0	.0	36.9	.0	2.5	6.3	.0	.0	.0	8.8

PERIOD: (OVER-ALL) 1963-1971

SEPTEMBER

AREA 0012 VICTORIA POINT
9.7N 96.6E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	7.3	2.4	.0	.0	.0	9.8	
1-2	.0	19.5	19.5	.0	.0	.0	39.0	
3-4	.0	22.0	14.6	.0	.0	.0	36.6	
5-6	.0	.0	14.6	.0	.0	.0	14.6	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.0	48.8	51.2	.0	.0	.0	100.0	41

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	2.9	13.7	22.5	3.9	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47	3
6-7	1.0	5.9	8.8	15.7	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	4
8-9	1.0	1.0	1.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	4
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDET	.0	3.9	2.9	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
TOTAL	4	25	36	25	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	10	3
PCT	3.9	24.5	35.3	24.5	7.8	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	4
																				100.0	

OCTOBER

AREA 0012 VICTORIA POINT
9.7N 96.6EPERIOD (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN				FOG WD	SMOKE	HAZE	BLWG	DUST	SIG	
N	.7	.3	.3	.0	.0	.0	.0	.0	1.0	.2	.0	.0	.0	.0	.0	5.6	
NE	.1	.3	.3	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	10.8	
E	.4	.2	.0	.0	.0	.0	.0	.0	.7	.1	.0	.0	.0	.0	.0	9.3	
SE	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	7.6	
S	.2	.2	.0	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.0	.0	4.9	
SW	2.1	.2	.2	.0	.0	.0	.0	.0	2.5	.1	.0	.0	.0	.0	.0	16.5	
W	1.9	1.1	.5	.0	.0	.0	.0	.0	3.5	.1	.0	.0	.0	.0	.0	19.3	
NW	.3	.1	.8	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	9.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	4.07	458
TOT OBS	27	11	9	0	0	0	0	0	5	1.1	0	0	0	0	0	88.9	
TOT PCT	5.9	2.4	2.0	.0	.0	.0	.0	.0	10.0								

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN				FOG WD	SMOKE	HAZE	BLWG	DUST	SIG	
0003	4.6	6.2	.0	.0	.0	.0	.0	.0	10.8	.0	.0	.0	.0	.0	.0	89.2	
0609	4.8	2.4	1.2	.0	.0	.0	.0	.0	8.4	.6	.0	.0	.0	.0	.0	91.0	
12013	9.5	.0	4.2	.0	.0	.0	.0	.0	12.7	2.5	.0	.0	.0	.0	.0	84.7	
1800	5.0	2.5	2.5	.0	.0	.0	.0	.0	9.2	.8	.0	.0	.0	.0	.0	90.0	
TOT	27	11	10	0	0	0	0	0	47	5	0	0	0	0	0	417	439
PCT	5.9	2.3	2.1	.0	.0	.0	.0	.0	10.0	1.1	.0	.0	.0	.0	.0	88.9	

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

OCTOBER

TABLE 3

AREA 0012 VICTORIA POINT
9.7N 96.6E

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR																	
WIND DIR	WIND SPEED (KNOTS)								MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ		00	03	06	09	12	15	18	21
N	1.6	3.3	.2	.1	.0	.0	.0	5.1	5.3	5.9	7.3	4.8	2.6	4.9	3.2	5.0	
NE	2.3	6.5	1.5	.3	.0	.0	.0	10.6	7.2	6.4	8.1	10.8	14.0	8.6	10.3	12.7	
E	1.7	8.6	1.4	.1	.0	.0	.0	11.8	7.0	12.7	14.7	12.0	3.5	12.8	14.1	12.3	
SE	2.5	4.6	1.3	.1	.0	.0	.0	8.5	6.4	13.6	8.1	10.5	5.2	7.1	10.7	7.3	
S	2.0	3.1	.8	.0	.0	.0	.0	5.9	6.3	7.2	8.8	6.7	4.8	4.5	5.5	4.6	
SW	1.3	11.2	5.1	.5	.0	.0	.0	18.1	9.4	25.4	17.6	15.7	26.3	18.8	17.1	16.5	
W	2.4	13.8	6.1	.3	.0	.0	.0	22.6	8.9	11.9	19.1	21.9	23.2	24.8	22.3	23.8	
NW	2.2	7.1	1.7	.3	.0	.0	.0	11.1	6.7	13.6	14.7	11.2	15.2	10.1	10.9	8.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	6.3	513	160	13	0	0	.0	6.3	7.2	3.4	2.9	4.5	4.8	7.0	7.5	10.8	
TOT OBS	197	58.1	18.1	1.5	.0	.0	883	100.0	59	68	178	125	57	133	133	130	
TOT PCT	22.3									100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A																
WIND DIR		WIND SPEED (KNOTS)				41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
0-6	7-16	17-27	28-40	00	03					06	09	12	15	18	21	
N	4.0	1.0	.1	.1	.0	5.1	5.3	5.9	6.3	4.2	4.1	4.1				
NE	6.0	4.1	.4	.2	.0	10.6	7.2	7.3	11.6	10.3	11.3	11.3				
E	6.8	4.4	.6	.0	.0	11.8	7.0	13.8	10.8	10.0	13.2	13.2				
SE	5.6	2.7	.1	.1	.0	8.5	6.4	10.6	8.3	6.4	9.0	9.0				
S	3.6	2.0	.3	.0	.0	5.9	6.3	8.1	5.9	5.5	5.0	5.0				
SW	6.2	9.7	.2	.0	.0	18.1	9.4	21.3	16.0	21.1	16.8	16.8				
W	8.9	11.2	2.5	.0	.0	22.6	8.9	15.7	23.6	24.3	23.4	23.4				
NW	7.0	3.8	.2	.0	.0	11.1	6.7	14.2	12.9	10.7	7.8	7.8				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	6.3	343	56	3	0	6.3	.0	3.1	4.6	7.4	9.1	9.1				
TOT OBS	481	38.8	6.3	.3	0	883	7.2	127	303	190	263	263				
TOT PCT	54.5				0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

OCTOBER

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966AREA 0012 VICTORIA POINT
9.7N 96.6E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
0003	3.1	20.5	57.5	18.1	.8	.0	.0	.0	6.8	100.0	127
0609	4.6	15.8	57.4	21.1	1.0	.0	.0	.0	7.5	100.0	303
1215	7.4	12.6	60.5	17.4	2.1	.0	.0	.0	7.6	100.0	190
1821	9.1	16.3	57.4	15.2	1.9	.0	.0	.0	6.9	100.0	263
TOT	56	141	513	160	13	0	0	0	7.2		883
PCT	6.3	16.0	58.1	18.1	1.5	.0	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	MEAN		TOTAL OBS
					CLOUD COVER	CLOUD COVER	
N	.7	.7	.6	1.9	5.4	5.4	
NE	1.3	.7	3.5	3.3	6.0	6.0	
E	2.4	.7	4.6	2.8	5.3	5.3	
SE	.0	5.2	3.0	2.4	5.5	5.5	
S	.0	.0	3.1	.0	6.2	6.2	
SW	.7	1.7	9.3	4.4	6.2	6.2	
W	5.2	4.3	9.6	6.7	5.3	5.3	
NW	2.2	3.7	6.3	.0	4.3	4.3	
VAR	.0	.0	.0	.0	.0	.0	
CALM	1.5	4.4	2.2	.7	4.0	4.0	
TOT OBS	19	29	57	30	5.3	5.3	135
TOT PCT	14.1	21.5	42.2	22.2			100.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	TOTAL OBS
N	.0	.0	.0	.0	.6	1.1	.0	.0	.0	.7	1.5	
NE	.0	.0	.0	.0	.9	4.8	.0	.0	.0	.0	3.1	
E	.0	.0	.0	.0	1.5	1.5	.7	.0	.0	.0	6.9	
SE	.0	.0	.7	1.5	.2	1.5	.0	.0	.0	.0	6.7	
S	.0	.0	.0	.0	.0	.6	.7	.0	.0	.0	1.1	
SW	.0	.0	.0	1.5	4.6	1.5	.7	.0	.0	.0	7.8	
W	.0	.0	.7	.7	8.0	.7	1.5	.0	.0	.0	14.1	
NW	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	11.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	0	0	2	9	29	7	3	1	0	1	83	135
TOT PCT	.0	.0	1.5	6.7	21.5	5.2	2.2	.7	.0	.7	61.5	100.0

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

OCTOBER

AREA C012 VICTORIA POINT
9.7N 96.6E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.7	.7	.7	.7	.7	.7	.7	.7
OR >5000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
OR >3500	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
OR >2000	6.5	8.6	9.4	9.4	9.4	9.4	9.4	9.4
OR >1000	20.1	27.3	30.2	30.2	30.2	30.2	30.2	30.2
OR >600	25.2	33.1	36.0	36.0	36.7	36.7	36.7	36.7
OR >300	25.2	33.8	37.4	37.4	38.1	38.1	38.1	38.1
OR >150	25.2	33.8	37.4	37.4	38.1	38.1	38.1	38.1
OR > 0	25.2	33.8	37.4	37.4	38.1	38.1	38.1	38.1
TOTAL	35	47	52	52	53	53	53	53

TOTAL NUMBER OF OBS: 139

PCT FREQ NH <5/8: 61.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
2.6	11.2	15.8	19.1	13.8	9.9	9.9	9.2	8.6	9.9	.0	152

PERIOD (PRIMARY) 1922-1966
(COVER-ALL) 1906-1966

OCTOBER

AREA 0012 VICTORIA PGINT
9.7N 96.6E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

WSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1/2<1	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
1<2	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
2<5	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
5<10	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
10+	0	0	0	0	0	0	0	0	0	0	0	0
PCP	0	0	0	0	0	0	0	0	0	0	0	0
NO PCP	0	0	0	0	0	0	0	0	0	0	0	0
TOT %	0	0	0	0	0	0	0	0	0	0	0	0
TOT OBS	6.8	11.3	10.0	8.0	5.5	19.2	22.9	11.0	0	5.2	100.0	458
TOT PCT	6.8	11.3	10.0	8.0	5.5	19.2	22.9	11.0	0	5.2	100.0	458

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

OCTOBER

AREA 0012 VICTORIA PDINT
9.7N 96.6E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	0-3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.1	.4	.0	.2	.1	.3	.7	.3	.0	.3	.6	
	11-21	.0	.0	.1	.1	.0	.6	.7	.1	.0	.0	2.2	
	TOT %	.3	.6	.1	.4	.1	.9	1.4	.4	.0	.3	4.6	
5<10	0-3	.1	.2	.3	.4	.1	.5	.4	.0	.0	.6	3.5	
	4-10	1.0	.8	.8	.3	.6	1.7	2.4	1.8	.0	.0	9.5	
	11-21	.0	.0	.0	.0	.1	1.5	2.0	.4	.0	.0	4.0	
	TOT %	1.1	1.2	1.1	.8	.9	3.6	5.1	2.3	.0	.6	16.6	
10+	0-3	1.7	1.4	1.5	2.6	1.7	.8	2.4	2.0	.0	5.2	19.5	
	4-10	2.7	6.0	7.6	4.3	2.3	7.5	10.3	4.6	.0	.0	45.3	
	11-21	.1	1.8	1.0	.*	.5	3.3	3.3	1.3	.0	.0	11.4	
	TOT %	4.7	9.4	10.1	7.1	4.6	12.2	16.0	7.9	.0	5.2	77.3	
TOT OBS		6.1	11.5	11.5	8.4	5.9	17.0	22.7	10.7	.0	6.1	100.0	673

OCTOBER

 PERIOD: (PRIMARY) 1922-1966
 (OVER-ALL) 1906-1966

 AREA 0012 VICTORIA PJINT
 9.7N 96.6E

TABLE 10

 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
 OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 29	300 599	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	4.8	7.1	14.3	7.1	2.4	.0	.0	35.7	64.3	42
06009	.0	.0	.0	.0	7.9	18.4	2.6	.0	.0	.0	28.9	71.1	38
12015	.0	.0	.0	.0	9.1	30.3	.0	6.1	3.0	.0	48.5	51.5	33
18021	.0	.0	.0	.0	.0	17.1	8.6	2.9	.0	.0	31.4	68.6	35
TOT PCT	.0 .0	.0 .0	.0 .0	2 1.4	9 6.1	29 19.6	7 4.7	4 2.7	.7 .0	.7 .0	53 35.8	95 64.2	148 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	8.1	13.5	78.4	37
06009	.0	2.8	.0	.0	5.6	91.7	36
12015	.0	.0	.0	3.1	12.5	84.4	32
18021	.0	.0	.0	5.9	32.4	61.8	34
TOT PCT	.0 .0	.7 .0	.0 .0	6 4.3	22 15.8	110 79.1	139 100.0

TABLE 12

 CUMULATIVE PCT FREQ OF KNOTS OF VSBY (NM) AND/OR
 CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	< 150 < 50YD	< 600 < 1	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	5.4	18.9	21.6	59.5	37
06009	.0	2.8	8.3	22.2	69.4	36
12015	.0	.0	12.5	37.5	50.0	32
18021	.0	.0	5.9	29.4	64.7	34
TOT PCT	0 .0	3 2.2	16 11.5	38 27.3	85 61.2	139 100.0

OCTOBER

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966AREA 0012 VICTORIA POINT
9.7N 96.6E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	1.0	3.9	42.7	.0	5	4.9
80/84	.0	.0	.0	.0	5.8	25.2	.0	4.9	81	78.6
75/79	.0	.0	.0	.0	.0	.0	7.8	7.8	16	15.5
70/74	.0	.0	.0	.0	.0	.0	.0	1.0	1	1.0
TOTAL	.0	.0	.0	.0	7	30	52	14	103	100.0
PCT	.0	.0	.0	.0	6.8	29.1	50.5	13.6		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

N	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	1.2	.7	.0	.0	1.0	1.0	.0	.0	1.0
5.1	7.3	10.9	6.1	3.9	11.9	14.1	9.7	.0	9.7
1.9	2.4	1.9	1.2	.7	2.2	4.4	.7	.0	.0
.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0
7.0	10.9	13.6	8.3	4.6	15.0	19.4	10.4	.0	10.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (JEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	86	85	84	81	77	74	74	80.9	127
06009	89	88	86	82	77	75	73	81.9	302
12015	86	85	84	81	77	75	73	81.0	190
18021	85	84	82	81	78	75	72	80.6	264
TOT	89	85	85	81	77	75	72	81.1	883

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.0	6.7	10.0	70.0	13.3	84	30
06009	.0	.0	12.0	40.0	40.0	8.0	80	25
12015	.0	.0	.0	53.6	42.9	3.6	81	28
18021	.0	.0	7.7	19.2	42.3	30.8	85	26
TOT	0	0	7	33	54	15	82	109

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

OCTOBER

AREA 0012 VICTORIA POINT
9.7N 96.6E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	TOT	W	WO
	76	80	84	88		FOG	FOG
11/13	.0	.0	.0	.2	1	.0	.2
9/10	.0	.0	.0	.2	1	.0	.2
7/8	.0	.0	.7	.5	5	.0	1.2
5	.0	.0	.9	.5	6	.0	1.4
4	.0	.0	1.6	.5	9	.0	2.1
3	.0	.0	.5	.2	3	.0	.7
2	.0	1.2	7.2	2.8	48	.0	11.1
1	.0	.0	2.3	.7	13	.0	3.0
C	.0	3.5	23.4	.5	118	.0	27.3
-1	.0	1.2	7.4	.0	37	.0	8.6
-2	.2	5.8	16.0	.0	95	.0	22.0
-3	.0	1.4	2.1	.0	15	.0	3.5
-4	.5	8.6	5.1	.0	61	.0	14.1
-5	.7	1.4	.7	.0	12	.0	2.8
-6	.2	.2	.0	.0	2	.0	.5
-7/-8	.2	.5	.0	.0	3	.0	.7
-9/-10	.5	.2	.0	.0	3	.0	.7
TOTAL	10	103	293	26	432	0	432
PCT	2.3	23.8	67.8	6.0	100.0		100.0

PERIOD: (OVER-ALL) 1963-1966

OCTOBER
TABLE 18

AREA 0012 VICTORIA POINT
9.7N 96.6E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6
1-2	.0	4.2	.0	.0	.0	.0	4.2	.0	1.2	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
3-4	.0	1.8	.0	.0	.0	.0	1.8	.0	.6	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	6.0	.0	.0	.0	.0	6.0	.6	1.8	10.8	.0	.0	.0	.3.3	.6	1.8	10.8	.0	.0	.0	.3.3

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	3.6	.0	.0	.0	.0	.0	3.6	.6	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6
1-2	.0	8.4	6.0	.0	.0	.0	14.5	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
5-6	.0	2.4	.0	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.6	10.6	6.0	.0	.0	.0	20.5	.6	8.4	.0	.0	.0	.0	9.0	.6	8.4	.0	.0	.0	.0	9.0

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.8	.0	.0	.0	.0	1.8	.0	7.2	.0	.0	.0	.0	7.2
3-4	.0	.0	1.8	.0	.0	.0	1.8	.0	.0	3.0	.0	.0	.0	3.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.8	1.8	.0	.0	.0	3.6	.0	7.2	3.0	.0	.0	.0	10.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	2.4
1-2	.0	9.0	2.4	.0	.0	.0	11.4	.0	.6	.0	.0	.0	.0	.6
3-4	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.8	.0	.0	.0	9.6
5-6	.0	.0	2.4	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	9.0	4.8	.0	.0	.0	13.9	.0	7.8	4.8	.0	.0	.0	12.7

OCTOBER

PERIOD: (OVER-ALL) 1953-1966

AREA OC12 VICTORIA POINT
9.7N 96.6E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	21.7	2.2	.0	.0	.0	.0	23.9	46
1-2	.0	37.0	15.2	.0	.0	.0	52.2	
3-4	.0	8.7	10.9	.0	.0	.0	19.6	
5-6	.0	2.2	2.2	.0	.0	.0	4.3	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-46	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	21.7	50.0	28.3	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	4.8	26.4	19.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66
6-7	.0	2.4	12.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24
8-9	.0	.0	.6	3.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
INDET	18.4	2.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
TOTAL	23.2	31.2	22.8	10.4	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	125
PCT	23.2	31.2	22.8	10.4	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

NOVEMBER

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

AREA 0012 VICTORIA POINT
10.1N 96.7E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN PCPN					PCPN	WD	HAZE	BLWG	DUST SNOW	
N	.2	.0	.1	.0	.0	.0	.0	.0	.3		.0	.0	.0	.0	.0	.0	12.4
NE	.7	.2	.2	.0	.0	.0	.0	.0	1.0		.8	.0	.0	.0	.0	.0	32.7
E	.2	.0	.2	.0	.0	.0	.0	.0	.4		.1	.0	.0	.0	.0	.0	22.6
SE	.3	.0	.0	.0	.0	.0	.0	.0	.3		.0	.0	.0	.0	.0	.0	6.0
S	.3	.0	.2	.0	.0	.0	.0	.0	.5		.0	.0	.0	.0	.0	.0	3.5
SW	.2	.0	.2	.0	.0	.0	.0	.0	.4		.0	.0	.0	.0	.0	.0	4.1
W	.4	.0	.0	.0	.0	.0	.0	.0	.4		.0	.0	.0	.0	.0	.0	3.4
NW	.1	.0	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	.0	6.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0		.4	.0	.0	.0	.0	.0	4.2
TOT OBS	11	1	4	0	0	0	0	0	0	16	6	0	0	0	0	0	434
TOT PCT	2.4	.2	.9	.0	.0	.0	.0	.0	3.5		1.3	.0	.0	.0	.0	.0	95.2

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN PCPN					PCPN	WD	HAZE	BLWG	DUST SNOW	
0003	1.8	1.8	.0	.0	.0	.0	.0	.0	3.6		1.8	.0	.0	.0	.0	.0	94.5
0609	2.4	.0	2.4	.0	.0	.0	.0	.0	4.7		.6	.0	.0	.0	.0	.0	94.7
1215	3.4	.0	.0	.0	.0	.0	.0	.0	3.4		1.7	.0	.0	.0	.0	.0	94.9
1821	1.7	.0	.0	.0	.0	.0	.0	.0	1.7	16	1.7	.0	.0	.0	.0	.0	96.6
TOT	11	1	4	0	0	0	0	0	0		6	0	0	0	0	0	438
PCT	2.4	.2	.9	.0	.0	.0	.0	.0	3.5		1.3	.0	.0	.0	.0	.0	95.2

NOVEMBER

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

AREA 0012 VICTORIA POINT
10.1N 96.7E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (G.M.T.)					
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21		
N	2.5	8.7	1.1	.0	.0	.0	.0	14.5	13.2	10.2	14.1	11.4	14.4	8.6	14.4				
NE	3.2	21.1	7.4	.2	.0	.0	.0	29.0	26.5	31.4	36.1	43.6	25.3	31.9	30.7				
E	2.3	14.3	8.6	.0	.0	.0	.0	30.5	27.9	28.9	22.0	18.2	25.8	26.1	22.0				
SE	.7	4.0	1.8	.0	.0	.0	.0	6.5	1.5	7.7	5.1	6.8	6.1	11.1	3.8				
S	.6	2.8	.8	.0	.0	.0	.0	4.5	4.4	4.5	3.5	5.5	1.7	6.1	3.8				
SW	.8	2.1	1.5	.3	.0	.0	.0	4.0	8.8	3.6	4.0	4.2	6.1	3.9	5.4				
W	.3	3.0	.7	.0	.0	.0	.0	4.0	8.8	5.8	3.5	3.4	3.3	2.8	4.9				
NW	.6	4.6	.7	.0	.0	.0	.0	7.0	2.9	6.4	7.6	.0	11.7	1.7	6.3				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	5.3	392	146	3	0	0	647	4.0	5.9	1.5	4.0	6.8	5.6	7.8	8.7				
TOT OBS	106	60.6	22.6	.5	.0	.0		50	34	133	99	159	90	90	92				
TOT PCT	16.4						100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)				41+	TOTAL OBS	PCT FREQ		MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40						00 03	06 09	12 15	18 21	
N	8.2	4.1	.1	.0	.0		12.4	6.1	14.0	11.9	13.3	11.5		
NE	12.6	18.6	.7	.0	.0		31.9	8.2	28.0	33.4	32.6	31.3		
E	9.0	15.0	1.2	.0	.0		25.2	8.8	29.5	26.0	22.8	24.0		
SE	2.6	3.5	.4	.0	.0		6.5	8.4	4.5	6.6	5.4	7.4		
S	1.7	2.5	.0	.0	.0		4.2	7.7	4.5	4.1	3.2	4.9		
SW	1.9	2.1	.7	.0	.0		4.7	9.4	6.0	3.8	5.4	4.7		
W	1.7	2.2	.2	.0	.0		4.1	7.8	3.6	4.8	3.4	3.8		
NW	3.5	2.4	.1	.0	.0		5.9	6.9	5.4	6.9	7.0	4.0		
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0		
CALM	5.3						5.3	7.6	4.8	2.6	6.0	8.2		
TOT OBS	301	325	21	0	0	647			84	232	149	132		
TOT PCT	46.5	50.2	3.2	.0	.0		100.0		100.0	100.0	100.0	100.0		

NOVEMBER

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

AREA 0012 VICTORIA PUJINT
10.1N 96.7E

TABLE 4

HOUR	CALM	PERCENTAGE FREQUENCY OF WIND SPEED					WIND SPEED (KNOTS)		PCT		TOTAL OBS
		1-3	4-10	11-21	22-33	34-47	48+	MEAN	FREQ		
00003	4.8	14.3	61.9	19.0	.0	.0	.0	7.2	100.0		84
06009	2.6	9.5	57.8	29.7	.4	.0	.0	8.3	100.0		232
12015	6.0	10.7	63.1	18.8	1.3	.0	.0	7.5	100.0		149
18021	8.2	12.1	61.5	18.1	.0	.0	.0	7.1	100.0		182
TOT	34	72	392	146	3	0	0	7.6			647
PCT	5.3	11.1	60.6	22.6	.5	.0	.0		100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	PCT FREQ								TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8-9	10-12	13-15	16-18	19-21		
N	1.6	1.2	6.4	.8						5.1
NE	5.3	9.4	15.4	9.6						5.3
E	5.7	5.9	7.6	2.1						4.3
SE	.0	2.5	3.3	3.1						5.9
S	.0	.6	1.4	.8						6.0
SW	1.6	.0	1.8	.2						3.8
W	.0	.0	2.9	.6						6.2
NW	.8	.0	3.3	.8						6.2
VAR	.0	.0	.0	.0						.0
CALM	3.1	.8	.8	.8						3.2
TOT OBS	23	26	55	24					128	5.1
TOT PCT	18.0	20.3	43.0	18.8					100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8)												TOTAL OBS
	000	149	150	299	300	599	600	999	1000	1999	3499	5000	
N	.0	.0	.6	.0	.0	.0	.0	.0	.6	1.6	.0	.0	7.2
NE	.0	.0	.0	.0	.0	.0	.0	.0	7.2	1.6	.0	.8	27.7
E	.0	.0	.0	.0	.0	.0	.8	.0	4.7	.8	.0	.0	15.0
SE	.0	.0	.0	.0	.0	.0	2.5	.0	.8	.0	.0	.0	5.7
S	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	2.1
SW	.0	.0	.0	.0	.0	.0	.0	.0	.8	.2	.0	.0	2.5
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	.0	1.6
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
TOT PCT	.0	.0	1.6	.0	.0	.0	3.9	.0	17.2	6.3	.0	.8	68.0

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AREA 0012 VICTORIA POINT
10.1N 96.7E

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)					
	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4
OR >6500	2.3	2.3	2.3	2.3	2.3	2.3
OR >5000	3.1	3.1	3.1	3.1	3.1	3.1
OR >3500	3.1	3.1	3.1	3.1	3.1	3.1
OR >2000	9.3	9.3	9.3	9.3	9.3	9.3
OR >1000	22.5	25.6	26.4	26.4	26.4	26.4
OR >600	24.8	29.5	30.2	30.2	30.2	30.2
OR >300	24.8	29.5	30.2	30.2	30.2	30.2
OR >150	24.8	31.0	31.8	31.8	31.8	31.8
OR > 0	24.8	31.0	31.8	31.8	31.8	31.8
TOTAL	32	40	41	41	41	41

TOTAL NUMBER OF OBS: 129

PCT FREQ NH <5/81 68.2

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
5.4	15.4	22.8	15.4	10.7	9.4	6.0	6.7	8.1	.0		149

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
PCP	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	
PCF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	
TOT %	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	
NO PCP	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	
TOT %	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.4	
PCP	.0	.4	.0	.0	.1	.1	.0	.0	.0	.0	.7	
NO PCP	.2	.0	.0	.0	.1	.1	.0	.0	.0	.0	.4	
TOT %	.2	.4	.0	.0	.2	.2	.0	.0	.0	.0	1.1	
PCP	.1	.2	.2	.3	.2	.2	.0	.0	.0	.0	1.3	
NO PCP	.9	2.4	2.2	1.7	.3	.7	.2	1.2	.0	.2	9.9	
TOT %	1.0	2.6	2.5	2.0	.5	.9	.2	1.2	.0	.2	11.2	
PCP	.1	.3	.2	.0	.2	.1	.2	.1	.0	.0	1.1	
NO PCP	11.3	30.9	20.4	4.1	3.1	3.3	3.2	5.1	.0	4.4	85.7	
TOT %	11.4	31.1	20.6	4.1	3.3	3.3	3.3	5.2	.0	4.4	86.8	
TOT DBS	12.8	34.5	23.1	6.4	4.1	4.4	3.8	6.4	.0	4.6	100.0	436

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL SBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
	TOT %	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2
	TOT %	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.4
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.2	.0	.0	.0	.0	.2	.0	.0	.0	.4
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.2	.2	.1	.1	.2	.3	.1	.2	.0	.0	1.2
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
	TOT %	.2	.4	.1	.1	.2	.3	.1	.2	.0	.0	1.4
5<10	0-3	.0	.3	.3	.0	.0	.0	.0	.2	.0	.2	.9
	4-10	.7	1.5	1.3	1.4	.6	.4	.2	.8	.0	.0	6.7
	11-21	.2	.4	.4	.4	.0	.0	.1	.1	.0	.0	1.6
	TOT %	.8	2.1	2.0	1.8	.6	.7	.3	1.0	.0	.2	9.6
10+	0-3	2.9	3.3	1.7	.7	.6	.9	.4	.5	.0	5.0	16.0
	4-10	8.3	20.6	12.9	2.5	1.6	1.4	2.5	3.5	.0	53.4	53.4
	11-21	1.0	6.9	7.8	.9	.6	.9	.2	.5	.0	18.8	18.8
	TOT %	12.2	30.9	22.4	4.0	2.8	3.2	3.1	4.6	.0	5.0	88.3
TOT OBS												564
TOT PCT		13.3	33.7	24.5	6.1	3.6	4.2	3.6	5.8	.0	5.1	100.0

PERIOD: (PRIMARY) 1930-1970
(OVER-ALL) 1906-1970

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TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET) NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	5.4	32.4	8.1	.0	2.7	.0	.0	48.6	51.4	37
06009	.0	.0	.0	6.1	9.1	12.1	.0	.0	.0	.0	27.3	72.7	33
12015	.0	.0	.0	.0	12.2	2.4	.0	.0	2.4	2.4	19.1	80.5	41
18021	.0	5.9	.0	2.9	5.9	.0	.0	.0	2.9	.0	17.6	82.4	34
TOT PCT	0 .0	2 1.4	0 .0	5 3.4	22 15.2	8 5.5	0 .0	1 .7	2 1.4	1 .7	41 28.3	104 71.7	145 100.0

TABLE 11

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	2.9	8.8	88.2	34
06009	.0	.0	.0	.0	3.3	96.7	30
12015	.0	.0	.0	5.7	8.6	85.7	35
18021	.0	.0	.0	.0	13.3	86.7	30
TOT PCT	0 .0	0 .0	0 .0	3 2.3	11 8.5	115 89.1	129 100.0

TABLE 12

HOUR (GMT)	<150 CEILING HGT	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	8.8	44.1	47.1	34
06009	.0	.0	.0	6.7	23.3	70.0	30
12015	.0	.0	.0	5.7	22.9	71.4	35
18021	.0	.0	6.7	10.0	10.0	80.0	30
TOT PCT	0 .0	0 .0	2 1.6	10 7.8	33 25.6	86 66.7	129 100.0

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PERIOD (PRIMARY) 1930-1970
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.0	6.2	1.5	.0			10	7.7
80/84	.0	.0	.0	.0	6.2	30.8	42.3	5.4			110	84.6
75/79	.0	.0	.0	.0	.0	.8	1.5	5.4			10	7.7
TOTAL	.0	.0	.0	.0	.0	49	59	14			130	100.0
PCT	.0	.0	.0	.0	6.2	37.7	45.4	10.8				

TABLE 14

H	PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										VAR	CALM
	N	NE	E	SE	S	SW	W	NW				
.6	1.7	2.3	1.5	.0	.0	.8	.8	.1			.0	.8
6.5	37.1	20.8	6.7	2.7	3.3	.6	3.1	.0			.0	3.8
.0	2.9	1.7	1.5	.0	.2	.6	.0	.0			.0	.8
7.1	41.7	24.8	9.8	2.7	3.5	1.9	3.1	.0			.0	5.4

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	86	85	83	81	79	75	75	81.2	83		
06009	89	88	86	82	78	75	73	82.5	233		
12015	88	87	86	82	78	75	73	81.6	150		
18021	86	84	83	81	79	77	75	81.1	182		
TOT	89	88	86	82	79	75	73	81.7	648		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS			
00003	.0	.0	6.7	23.3	53.3	16.7	82	30			
06009	.0	.0	6.7	43.3	36.7	13.3	80	30			
12015	.0	.0	10.8	43.2	43.2	2.7	79	37			
18021	.0	.0	.0	38.9	50.0	11.1	82	36			
TOT	0	0	8	50	61	14	81	133			

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	76	77	80	81	84	85	88	89	92	TOT	W	FOG	WD
9/10	.0	.0	.0	.0	.7	.0	.2	.0	.0	.0	3	.0	.0	.7
7/8	.0	.0	.0	.0	1.6	.2	.0	.0	.0	.0	8	.0	.0	1.9
6	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	1	.0	.0	.2
5	.0	.0	.0	.0	1.4	.2	.2	.0	.0	.0	8	.0	.0	1.9
4	.0	.0	.2	.2	1.2	1.6	.0	.0	.0	.0	13	.0	.0	3.0
3	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1	.0	.0	.2
2	.0	.0	.0	.0	8.2	3.5	.0	.0	.0	.0	50	.0	.0	11.7
1	.0	.0	.2	.2	1.2	.7	.0	.0	.0	.0	9	.0	.0	2.1
0	.0	.0	1.4	25.4	.9	.0	.0	.0	.0	.0	119	.0	.0	27.7
-1	.0	.0	.2	7.0	.0	.0	.0	.0	.0	.0	31	.0	.0	7.2
-2	.0	.0	3.0	23.3	.0	.0	.0	.0	.0	.0	113	.0	.0	26.3
-3	.0	.0	1.4	.9	.0	.0	.0	.0	.0	.0	10	.0	.0	2.3
-4	.0	.0	5.4	3.7	.0	.0	.0	.0	.0	.0	39	.0	.0	9.1
-5	1.2	1.4	.5	.0	.0	.0	.0	.0	.0	.0	13	.0	.0	3.0
-6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	2	.0	.0	.5
-7/-8	.5	.7	.5	.0	.0	.0	.0	.0	.0	.0	7	.0	.0	1.6
-9/-10	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.2
-14/-16	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.2
TOTAL	9	62	325	32	32	32	32	32	1	1	429	0	0	429
PCT	2.1	14.5	75.8	7.5	.2	.2	.2	.2	.2	.2	100.0			100.0

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TABLE 18
AREA 0012 VICTORIA POINT
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PERIOD: (OVER-ALL) 1963-1970

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	6.0	.0	.0	.0	.0	6.0	.0	4.9	.0	.0	.0	.0	4.9
1-2	.0	4.3	.0	.0	.0	.0	4.3	.0	15.8	.0	.0	.0	.0	15.8
3-4	.0	2.2	2.2	.0	.0	.0	4.3	.0	10.9	2.7	.0	.0	.0	13.6
5-6	.0	.0	1.6	.0	.0	.0	1.6	.0	2.2	2.2	.0	.0	.0	4.3
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.0	.0	2.2
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	12.5	3.8	.0	.0	.0	16.3	.0	33.7	5.4	2.2	.0	.0	41.3

HGT	SE										PCT			
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	2.2	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0
1-2	.0	3.8	2.2	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0
3-4	2.2	.0	3.8	.0	.0	.0	2.2	.0	4.3	6.5	.0	.0	.0	.0
5-6	.0	2.2	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.2	8.2	7.6	.0	.0	.0	17.9	.0	4.3	6.5	.0	.0	.0	10.9

PERIOD: (OVER-ALL) 1963-1970 NOVEMBER AREA 0012 VICTORIA POINT
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TABLE 18
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	4.3	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	4.3	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	2.2
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.5
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.5	.0	.0	.0	2.7

PERIOD: (OVER-ALL) 1963-1970

NOVEMBER

AREA 0012 VICTORIA POINT
10.1N 96.7E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	10.4	12.5	.0	.0	.0	.0	22.9	4?
1-2	.0	25.0	2.1	.0	.0	.0	27.1	
3-4	2.1	16.7	18.8	.0	.0	.0	37.5	
5-6	.0	4.2	4.2	.0	.0	.0	8.3	
7	.0	.0	2.1	.0	.0	.0	2.1	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	2.1	.0	.0	2.1	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	12.5	58.3	27.1	2.1	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	9.5	30.5	24.8	6.7	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	77	3
6-7	.0	.0	10.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	3
8-9	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	5
10-11	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDET	8.6	1.9	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	1
TOTAL	19	34	40	9	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	105	2
PCT	18.1	32.4	38.1	8.6	1.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1921-1971
(OVER-ALL) 1865-1971

DECEMBER

AREA 0012 VICTORIA POINT
9.7N 96.6E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE			HAIL PCPN	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG WD	SMOKE HAZE	DUST BLWG	NO SIG WEA	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	10.3
NE	.0	.7	.0	.0	.0	.0	.0	.7	.7	.4	.0	.0	.0	.0	46.3
E	.0	.2	.0	.0	.0	.0	.0	.2	.2	.7	.0	.0	.0	.0	28.4
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	5.3
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
NK	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	1.4
TOT OBS	.0	.4	.0	.0	.0	.0	.0	.0	.4	10	.0	.0	.0	.0	400
TOT PCT	.0	1.0	.0	.0	.0	.0	.0	1.0	4	2.4	.0	.0	.0	.0	96.6

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TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE			HAIL PCPN	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG WD	SMOKE HAZE	DUST BLWG	NO SIG WEA	
0003	.0	3.2	.0	.0	.0	.0	.0	3.2	.0	4.8	.0	.0	.0	.0	92.1
0609	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
12015	1.0	1.0	.0	.0	.0	.0	.0	2.0	.0	2.9	.0	.0	.0	.0	95.1
18021	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	4.8	.0	.0	.0	.0	94.3
TOT	1	4	.0	.0	.0	.0	.0	5	.0	11	.0	.0	.0	.0	402
PCT	.2	1.0	.0	.0	.0	.0	.0	1.2	.0	2.6	.0	.0	.0	.0	96.2

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DECEMBER

AREA 0012 VICTORIA POINT
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PERIOD: (PRIMARY) 1921-1971
(OVER-ALL) 1865-1971

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)							TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	49+	00				03	06	09	12	15	18	21	
N	1.1	8.4	1.3	1	0	0	0	10.8	7.4	8.0	5.7	8.4	14.6	10.2	16.7	11.6	9.3	
NE	1.8	28.0	13.4	.2	0	0	0	43.5	9.3	39.7	42.3	45.8	42.4	49.2	44.0	42.4	41.5	
E	1.8	18.9	10.4	1	0	0	0	31.2	9.5	36.6	38.0	32.5	26.9	24.2	27.8	32.2	31.7	
SE	.6	3.5	1.9	0	0	0	0	6.1	8.6	10.3	4.7	7.0	2.8	8.9	3.7	6.4	7.4	
S	.5	1.4	.1	0	0	0	0	1.9	6.5	3.6	1.3	2.1	1.9	1.7	.9	2.5	1.7	
SW	.3	.7	.3	0	0	0	0	1.3	7.6	.0	.0	.6	1.4	.0	1.9	1.4	3.5	
W	.3	1.7	.3	0	0	0	0	1.0	6.4	.0	2.7	.9	1.9	1.7	.9	.0	.9	
NW	.5	1.0	.1	0	0	0	0	1.5	4.4	1.8	2.7	.9	3.7	2.5	.5	.4	1.3	
VAR	.0	.0	.0	0	0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	2.7	51.2	22.4	3	0	0	817	2.7	8.7	.0	2.7	1.8	4.6	1.7	3.7	3.1	3.6	
TOT OBS	276	62.7	27.4	.4	.0	.0				56	75	167	108	159	108	129	115	
TOT PCT	9.5									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)										
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21			
N	4.9	5.7	.2	.0	.0	.0	10.8	7.4	6.7	10.8	14.4	10.6							
NE	12.7	27.5	3.2	.0	.0	.0	43.5	9.3	41.2	44.5	45.8	42.0							
E	8.5	20.1	2.5	.0	.0	.0	31.2	9.5	37.4	30.3	26.5	32.0							
SE	2.4	3.4	.4	.0	.0	.0	6.1	3.6	7.1	5.4	5.5	6.9							
S	.9	1.0	.0	.0	.0	.0	1.9	7.6	2.3	2.0	1.2	2.2							
SW	.5	.7	.0	.0	.0	.0	1.3	7.6	2.3	2.0	1.2	2.4							
W	.4	.6	.0	.0	.0	.0	1.0	6.4	1.5	1.3	1.2	.8							
NW	1.4	.1	.0	.0	.0	.0	1.5	4.4	2.3	2.0	1.2	.8							
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
CALM	2.7	48.3	52	0	0	817	2.7	.0	1.5	2.9	3.0	2.9							
TOT OBS	282	59.1	6.4	.0	.0			8.7	131	275	167	244							
TOT PCT	34.5						100.0		100.0	100.0	100.0	100.0							

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PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47				
000003	1.5	4.6	61.1	32.8	.0	.0	.0	9.5	100.0	131
000609	2.9	5.8	62.2	28.7	.4	.0	.0	8.9	100.0	275
011215	3.0	9.0	61.1	26.9	.0	.0	.0	8.2	100.0	167
011821	2.9	7.8	65.2	23.4	.8	.0	.0	8.4	100.0	244
TOT	22	56	512	224	3	0	0	8.7		817
PCT	2.7	6.9	62.7	27.4	.4	.0	.0		100.0	

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & OBSCD	TOTAL OBS	MEAN CLOUD COVER
N	2.2	2.6	4.1	.5		4.6
NE	12.7	14.1	15.1	4.3		4.2
E	8.8	4.6	10.4	4.3		4.4
SE	.8	.5	8.8	1.5		6.0
S	.7	.0	1.2	.0		4.8
SW	.0	.0	.2	.0		7.0
W	.0	.0	.0	.0		.0
NW	.7	.7	.0	.0		.0
VAR	.0	.0	.0	.0		2.5
CALM	.0	1.3	.0	.0		.0
TOT OBS	39	36	60		151	3.5
TOT PCT	25.8	23.8	39.7	10.6	100.0	4.5

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999		ANY HGT	OBS
0	0	0	5	0	1.2	0	0	0	0	0	7.8	
1	0	0	2	7	7.5	1.2	1.3	0	0	0	35.4	
2	0	0	7	7	1.3	2.6	7	0	0	0	23.2	
3	0	0	0	7	1.7	8	2.0	0	0	0	7.5	
4	0	0	0	0	5	7	0	0	0	0	7	
5	0	0	0	0	2	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	1.3	
9	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	1.3	
11	0	0	0	3	17	8	6	0	0	0	115	151
12	0	0	1.3	2.0	11.3	5.3	4.0	0	0	0	76.2	100.0

PERIOD: (PRIMARY) 1921-1971
(OVER-ALL) 1865-1971

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/5) AND VSBY (NH)

CEILING (FEET)	VSBY (NH)				
	OR >10	OR >5	OR >2	OR >1	OR >1/2
OR >6500	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0
OR >3500	2.6	2.6	3.9	3.9	3.9
OR >2000	7.9	7.9	9.2	9.2	9.2
OR >1000	18.4	19.1	20.4	20.4	20.4
OR >600	19.7	21.1	22.4	22.4	22.4
OR >300	20.4	21.7	23.0	23.7	23.7
OR >150	20.4	21.7	23.0	23.7	23.7
OR >0	20.4	21.7	23.0	23.7	23.7
TOTAL	31	33	35	36	36

TOTAL NUMBER OF OBS: 152 PCT FREQ NH <5/8: 76.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
10.1	20.3	15.8	15.2	15.8	15.8	7.6	7.0	3.8	4.4	.0	158

PERIOD: (PRIMARY) 1921-1971
(OVER-ALL) 1865-1971

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TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
<1/2 PCP NO PCP TOT %	.0 .0 .0	.0 .0 .0	.0 .2 .2	.0 .1 .1	.0 .1 .1	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .5	.0 .5 .5
1/2<1 PCP NO PCP TOT %	.0 .2 .2	.0 .1 .1	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .2 .2	.0 .2 .2
1<2 PCP NO PCP TOT %	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0
2<5 PCP NO PCP TOT %	.0 .3 .3	.0 .7 .7	.2 .4 .7	.0 .1 .1	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .0 .0	.2 1.4 1.7	.2 1.4 1.7
5<10 PCP NO PCP TOT %	.0 .7 .7	.2 3.9 4.1	.0 3.3 3.3	.0 .5 .5	.2 .2 .2	.0 .1 .1	.0 .0 .0	.0 .0 .0	.0 .0 .0	.0 .2 .2	.2 8.9 9.2	.2 8.9 9.2
10+ PCP NO PCP TOT %	.0 9.9 9.9	.5 42.0 42.5	.0 25.2 25.2	.0 4.8 4.8	.0 1.6 1.6	.0 .7 .7	.0 1.1 1.1	.0 1.1 1.1	.0 .0 .0	.0 1.4 1.4	.5 87.9 88.4	.5 87.9 88.4
TOT DBS TOT PCT	11.1	47.3	29.4	5.5	1.9	.8	1.1	1.2	.0	1.7	100.0	414

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2
	11-21	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.2	.2
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3
1<2	0-3	.0	.3	.1	.0	.0	.0	.0	.0	.0	.2	.5	.5
	4-10	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.3	.3	.0	.0	.0	.0	.0	.0	.2	.7	.7
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.8	.8
	11-21	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.7	.7
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.3	.6	.5	.0	.0	.0	.0	.0	.0	.0	1.5	1.5
5<10	0-3	.0	.0	.3	.2	.1	*	.0	.0	.0	.2	.8	.8
	4-10	.4	1.4	.8	.2	.0	.3	.1	.1	.0	.0	3.4	3.4
	11-21	.1	1.6	1.4	.0	.0	.0	.0	.0	.0	.0	3.2	3.2
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.5	3.0	2.6	.3	.1	.4	.1	.2	.0	.2	7.4	7.4
10+	0-3	1.3	1.7	1.3	.5	.5	.3	.4	.4	.0	2.2	8.5	8.5
	4-10	7.7	28.2	17.4	3.4	.9	.9	.6	.8	.0	.0	59.6	59.6
	11-21	.9	11.2	8.3	.7	.1	.3	.0	.0	.0	.0	21.4	21.4
	22+	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2
	TOT %	9.9	41.1	27.1	4.5	1.5	1.2	1.0	1.3	.0	2.2	89.8	89.8
TOT DBS													597
TOT PCT		10.8	45.1	30.8	5.0	1.7	1.5	1.1	1.4	.0	2.5	100.0	

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5000 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	2.5	12.5	10.0	5.0	.0	.0	.0	30.0	70.0	40
06009	.0	.0	.0	5.3	10.5	5.3	5.3	.0	.0	.0	26.3	73.7	38
12015	.0	.0	.0	.0	7.1	2.4	2.4	.0	.0	.0	11.9	88.1	42
18021	.0	.0	5.3	.0	13.2	2.6	2.6	.0	.0	.0	23.7	76.3	38
TOT	0	0	2	3	17	8	6	0	0	0	26	122	158
PCT	.0	.0	1.3	1.9	10.8	5.1	3.8	.0	.0	.0	22.8	77.2	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	7.5	.0	92.5	40
06009	.0	.0	.0	.0	2.7	97.3	37
12015	.0	.0	.0	2.4	4.9	92.7	41
18021	.0	2.9	.0	2.9	5.9	88.2	34
TOT	0	1	0	5	5	141	152
PCT	.0	.7	.0	3.3	3.3	92.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR
CEILING HGT (FEET, NH >4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	.0	10.0	25.0	65.0	40
06009	.0	.0	5.4	21.6	73.0	37
12015	.0	.0	2.4	12.2	85.4	41
18021	.0	5.9	8.8	17.0	73.5	34
TOT	0	2	10	29	113	152
PCT	.0	1.3	6.6	19.1	74.3	100.0

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PERIOD: (PRIMARY) 1921-1971
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.7	.0	2.9	.0	.0			5	3.6
80/84	.0	.0	.0	.7	8.0	38.7	24.6	9.5			112	81.8
75/79	.0	.0	.0	.0	2.9	7.3	2.2	2.2			20	14.6
TOTAL	0	0	0	2	15	67	37	16			137	100.0
PCT	.0	.0	.0	1.5	10.9	48.9	27.0	11.7				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
1.3	2.4	.0	.0	.0	.0	.0	.0	.0	.0
5.1	36.7	25.5	10.4	.5	.2	.0	1.8	.0	1.0
.0	6.9	4.0	2.9	.7	.0	.0	.0	.0	.0
6.4	46.0	29.6	13.3	1.3	.2	.0	1.8	.0	1.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	64	83	83	81	77	75	73	80.6	130		
06009	88	87	86	82	78	76	75	82.0	276		
12015	86	85	84	81	77	75	75	80.9	168		
18021	85	84	82	80	77	75	73	80.1	244		
TOT	88	86	84	81	77	75	73	81.0	818		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS	
00003	.0	3.0	6.1	36.4	39.4	15.2	81	33	
06009	.0	.0	6.1	69.7	12.1	12.1	78	33	
12015	.0	.0	16.7	50.0	22.2	11.1	78	36	
18021	.0	2.8	13.9	41.7	33.3	8.3	78	36	
TOT	0	2	15	62	37	16	79	138	

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	80	81	84	85	88	TOT	W	FOG	WD FOG
7/8	.0	.0	.0	.7	.0	.0	.0	3	.0	.0	.7
6	.0	.0	.0	.0	.0	.2	.0	1	.0	.0	.2
5	.0	.0	.0	1.2	.5	.5	.0	7	.0	.0	1.7
4	.0	.2	.2	3.4	1.2	.0	.0	19	.0	.0	4.7
3	.0	.0	.0	.5	.2	.0	.0	3	.0	.0	.7
2	.0	.0	1.5	7.0	2.0	.0	.0	42	.0	.0	20.5
1	.0	.5	.5	2.2	.5	.0	.0	13	.0	.0	3.2
0	.5	3.2	19.7	.7	.0	.0	.0	97	.0	.0	24.2
-1	.0	.0	1.5	7.0	.0	.0	.0	34	.0	.0	8.5
-2	.2	.2	9.2	21.2	.0	.0	.0	123	.0	.0	30.7
-3	.0	.0	3.5	1.0	.0	.0	.0	18	.0	.0	4.5
-4	.2	.2	2.7	3.7	.0	.0	.0	27	.0	.0	6.7
-5	.5	.5	1.0	.7	.0	.0	.0	9	.0	.0	2.2
-6	.0	.0	.2	.0	.0	.0	.0	1	.0	.0	.2
-7/-8	.2	.2	.0	.0	.0	.0	.0	2	.0	.0	.5
-9/-10	.2	.0	.0	.0	.0	.0	.0	1	.0	.0	.2
-11/-13	.2	.0	.0	.0	.0	.0	.0	1	.0	.0	.2
TOTAL	9	96	274	274	22	22	22	401	0	0	401
PCT	2.2	23.9	68.3	5.5	5.5	5.5	5.5	100.0	0	0	100.0

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TABLE 18

PERIOD: (OVER-ALL) 1963-1971

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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT														
<1	.0	3.4	.0	.0	.0	.0	3.4	.0	5.7	.0	.0	.0	.0	5.7
1-2	.0	.0	.0	.0	.0	.0	.0	.0	13.2	2.3	.0	.0	.0	15.5
3-4	.0	.0	1.7	.0	.0	.0	1.7	.0	2.3	19.5	.0	.0	.0	21.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	.0	.0	.0	4.6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	.0	2.3
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.4	1.7	.0	.0	.0	5.2	.0	21.3	28.7	.0	.0	.0	50.0

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT														
<1	.0	.0	.0	.0	.0	.0	.0	.0	9.2	.0	.0	.0	.0	.0
1-2	.0	9.8	.0	.0	.0	.0	12.1	.0	.0	.0	.0	.0	.0	9.8
3-4	.0	4.6	1.7	.0	.0	.0	6.3	.0	2.3	.0	.0	.0	.0	2.3
5-6	.0	.0	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	6.3	14.4	4.0	.0	.0	.0	24.7	.6	11.5	.0	.0	.0	.0	12.1

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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	2.3	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.3	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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DECEMBER

PERIOD: (OVER-ALL) 1963-1971

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT GBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	9.1	20.5	.0	.0	.0	.0	29.5	
1-2	2.3	22.7	2.3	.0	.0	.0	27.3	
3-4	2.3	9.1	22.7	.0	.0	.0	34.1	
5-6	.0	.0	6.8	.0	.0	.0	6.8	
7	.0	.0	2.3	.0	.0	.0	2.3	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	13.6	52.3	34.1	.0	.0	.0	100.0	
							44	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	1.6	23.4	26.6	10.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	81	3
6-7	.0	8.6	7.8	10.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	4
8-9	.0	.0	.8	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	6
10-11	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	10
12-13	.0	.0	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	4
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	2
INDEX	3.1	.8	.8	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	2
TOTAL	4.7	32.8	47.2	21.9	2.3	1.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	128	3
PCT	4.7	32.8	36.7	21.9	2.3	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

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PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1855-1971

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				DRZL	FRZG	SNOW	OTHER FRZN PCPN					PCPN	WD	HAZE	BLWG	DUST	SIG WEA	
N	.2	*	*	*	.0	.0	.0	.0	.3		.2	.1	*	*	.0	.0	10.8	
NE	.1	.1	.1	.1	.0	.0	.0	.0	.3		.2	.1	*	*	.0	.0	16.4	
E	.1	.1	.1	.1	.0	.0	.0	.0	.2		.2	.1	*	*	.0	.0	10.2	
SE	.1	.1	.1	.1	.0	.0	.0	.0	.1		.1	*	*	*	.0	.0	3.6	
S	.1	.1	.1	.1	.0	.0	.0	.0	.3		.1	*	*	*	.0	.0	4.2	
SW	1.3	.4	.1	.2	.0	.0	.0	.0	2.0		.1	.1	*	*	.0	.0	20.5	
W	1.3	.4	.2	.2	.0	.0	.0	.0	1.8		.2	.1	*	*	.0	.0	16.0	
NW	.3	.1	.1	.1	.0	.0	.0	.0	.5		.0	.0	*	*	.0	.0	8.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	*	*	.0	.0	2.7	6008
CALM	208	.0	.0	.0	.0	.0	.0	.0	.0	325	.83	.1	.1	.1	.0	.0	5548	
TOT OBS	3.5	81	39	.7	.0	.0	.0	.0	5.5		1.3	.7	.2	.2	.0	.0	92.4	
TOT PCT		1.4																

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				DRZL	FRZG	SNOW	OTHER FRZN PCPN					PCPN	WD	HAZE	BLWG	DUST	SIG WEA	
00003	5.0	2.5	.1	.1	.0	.0	.0	.0	7.6		.6	2.6	.0	.0	.0	.0	89.1	
06009	2.8	1.1	.7	.7	.0	.0	.0	.0	4.5		.3	.2	.2	.2	.0	.0	94.7	
12015	3.7	1.4	1.0	1.0	.0	.0	.0	.0	6.0	330	2.8	.3	.3	.3	.0	.0	91.7	
18021	3.6	1.3	.7	.7	.0	.0	.0	.0	5.5		.86	.4	.4	.4	.0	.0	561.1	6082
TOT	209	83	4.1	4.1	.0	.0	.0	.0	5.6		1.4	.7	.7	.7	.0	.0	92.3	
PCT	3.5	1.4	.7	.7	.0	.0	.0	.0										

PERIOD (PRIMARY) 1919-1971
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WVD DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-23	34-47					00	03	06	09	12	15	18	21
N	2.2	8.1	.8	*	.0	.0	.0	11.2	5.9	11.3	9.3	9.2	12.1	13.0	13.1	11.9	10.5
NE	2.1	11.2	3.0	.1	.0	.0	.0	16.4	5.9	15.9	16.4	18.6	15.9	15.6	14.9	15.6	16.6
E	1.3	7.6	2.8	*	.0	.0	.0	11.6	6.1	13.0	16.0	13.7	9.6	7.3	10.1	10.9	12.1
SE	.8	2.2	.7	*	.0	.0	.0	3.7	6.3	5.3	4.0	4.2	2.8	3.2	2.9	4.4	3.3
S	.7	2.3	1.2	.1	.0	.0	.0	4.4	7.9	3.2	5.2	5.4	4.0	4.8	3.4	4.2	3.6
SW	1.0	8.9	10.7	2.2	*	.0	.0	22.8	9.6	23.0	23.5	22.3	22.4	23.5	22.9	23.2	23.0
W	1.5	9.0	7.1	1.2	*	.0	.0	17.7	8.8	15.2	17.1	16.8	18.7	18.2	19.0	16.7	19.0
NW	1.5	5.5	.9	.1	*	.0	.0	8.1	7.1	6.7	5.9	6.8	11.0	10.0	9.0	7.5	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALC	4.0	59.4	29.3	4.0	8	.0	11009	4.0	8.9	4.5	2.7	2.9	3.6	4.5	4.6	5.6	4.5
TOT OBS	1726	5944	2923	408	8	0	11009	100.0	8.9	753	873	2281	1530	829	1576	1595	1572
TOT PCT	15.2	53.9	27.1	3.7	.1	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21				
N	7.0	4.0	.1	*	.0		11.2	5.9	10.3	13.1	11.2									
NE	7.5	8.3	.6	*	.0		16.4	5.9	16.3	15.2	16.1									
E	4.8	6.2	.6	.0	.0		11.6	6.1	14.5	12.1	11.5									
SE	2.0	1.6	.1	*	.0		3.7	6.1	4.6	3.6	3.8									
S	1.8	2.1	.4	*	.0		4.4	7.9	5.1	4.8	3.9									
SW	4.0	12.5	6.1	.3	.0		22.8	9.6	23.2	22.3	23.1									
W	4.9	9.1	3.6	.1	.0		17.7	8.8	16.2	17.6	17.9									
NA	5.0	2.8	.3	*	.0		8.1	7.1	6.4	8.5	7.5									
VAR	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0									
CALC	4.0	50.2	12.95	56	.0		4.0	.0	3.5	3.2	4.6									
TOT OBS	4616	5042	1295	56	.0	11009	100.0	8.9	1626	3811	2405	3167	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	41.1	46.6	11.9	.5	.0	100.0	100.0	8.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	PCT		TOTAL OBS
				11-21	22-33	34-47	48+		MEAN	FREQ	
00003	3.5	12.0	53.1	28.3	3.0	.1	.0	.0	8.9	100.0	1626
06009	3.2	10.5	53.7	28.7	3.9	.1	.0	.0	9.2	100.0	3811
12015	4.6	11.4	54.1	26.0	3.9	*	.0	.0	9.8	100.0	2405
18021	5.0	11.2	54.5	25.4	3.7	.1	.0	.0	8.7	100.0	3167
TOT	457	1269	5944	2923	408	8	0	0	8.9		11009
PCT	4.0	11.1	53.9	27.1	3.7	.1	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	PCT FREQ						8 E OBS	TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8	9	10			
N	3.8	2.6	2.8	.6					4.0
NE	5.5	4.1	4.6	2.1					2.9
E	3.0	2.4	3.6	1.1					3.4
SE	.8	1.5	1.8	1.1					5.1
S	.6	1.2	2.8	.9					5.4
SW	1.9	3.6	10.7	9.4					5.3
W	1.5	2.2	5.4	5.0					4.8
NW	1.5	1.9	3.0	1.3					5.0
VAP	.0	.0	.0	.0					.0
CALM	1.3	1.7	1.8	.8					3.8
TOT OBS	356	367	597	348				1668	5.0
TOT PCT	19.8	21.2	36.6	22.4				100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8 AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION												NH <5/8 ANY HGT	TOTAL OBS
	000 149	150 299	300 599	300 599	600 999	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+		
N	.0	.0	*	*	.1	.1	.5	.3	.2	.1	.0	.1	.1	8.5
NE	.0	.0	*	*	.1	.1	1.9	.4	.2	.1	.1	.1	.1	13.3
E	.0	.0	.0	.1	.3	.4	.9	.5	.5	.1	.0	.0	.1	8.1
SE	.0	.0	.0	.1	.4	.4	.2	.4	.3	.0	.0	*	.0	3.7
S	.0	.0	.0	.0	.2	.2	1.0	.3	.1	.1	.0	.0	.0	3.8
SW	.1	.1	.7	.7	2.1	2.1	4.1	2.4	.3	.0	.0	.1	.1	15.7
W	.0	.1	.7	.7	1.0	1.0	2.5	1.4	.5	.1	.0	.0	.0	7.9
NW	*	.1	.2	.2	.2	.2	1.0	.1	.2	.1	.0	.1	.1	5.8
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.1	.1	.4	*	*	.0	.0	.0	.0	.0
TOT OBS	3	4	27	67	195	195	94	35	35	7	2	.7	.7	1227
TOT PCT	.2	.3	1.7	4.5	12.6	12.6	5.8	2.1	2.1	.4	.1	.5	.5	71.8
														1668
														100.0

PERIOD: (PRIMARY) 1918-1971
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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.6	.6	.6	.6	.6	.6	.6	.6
OR >5000	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
OR >3500	2.7	3.1	3.2	3.2	3.2	3.2	3.2	3.2
OR >2000	5.7	5.2	8.9	8.9	8.9	8.9	8.9	8.9
OR >1000	15.4	19.6	21.3	21.4	21.4	21.4	21.4	21.4
OR >600	18.4	23.7	25.7	25.7	25.9	25.9	25.9	25.9
OR >300	18.7	24.8	27.2	27.3	27.5	27.5	27.5	27.5
OR >150	18.8	25.0	27.4	27.5	27.8	27.8	27.8	27.8
OR >0	18.9	25.1	27.5	27.7	27.9	28.0	28.0	28.0
TOTAL	303	399	436	439	443	444	444	444

TOTAL NUMBER OF OBS: 1591

PCT FREQ NH <5/8: 73.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
6.9 16.0 19.7 17.3 11.4						7.2	7.1	5.3	8.8	.1	1898

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1855-1971

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9.7N 96.7E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	*	*	.0	.0	*	*	.1	*	.0	.0	.1	
NO PCP	.0	.0	*	*	*	*	*	.0	.0	.0	.1	
TOT %	*	*	*	*	*	.1	.1	*	.0	.0	.2	
PCP	.0	.0	.0	*	*	.1	.1	*	.0	.0	.2	
NO PCP	*	*	.0	*	*	.1	.1	.0	.0	.0	.2	
TOT %	*	*	.0	.1	*	.1	.2	*	.0	.0	.4	
PCP	.0	.0	*	*	*	.2	.2	*	.0	.0	.5	
NO PCP	*	*	.0	.0	*	*	.1	*	.0	*	.3	
TOT %	*	*	*	*	.1	.3	.2	.1	.0	*	.7	
PCP	.1	.1	.1	*	.1	.4	.5	.2	.0	.0	1.4	
NO PCP	.1	.1	.1	.1	.1	.5	.4	.2	.0	*	1.6	
TOT %	.2	.2	.1	.1	.2	1.0	.9	.3	.0	*	3.0	
PCP	.1	.1	.1	*	.1	.9	.8	.2	.0	.0	2.2	
NO PCP	1.4	1.8	1.3	.5	.8	5.1	4.6	1.7	.0	.7	17.9	
TOT %	1.5	1.9	1.3	.6	.9	6.0	5.3	1.9	.0	.7	20.1	
PCP	.1	.2	*	*	.1	.4	.3	.1	.0	.0	1.1	
NO PCP	9.5	14.8	9.1	3.1	3.3	14.9	11.1	6.3	.0	2.2	74.4	
TOT %	9.6	14.9	9.2	3.1	3.4	15.3	11.4	6.5	.0	2.2	75.5	
TOT OBS												6006
TOT PCT	11.3	17.1	10.7	3.8	4.6	22.7	18.0	8.7	.0	3.0	100.0	

PERIOD: (PRIMARY) 1918-1971
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TABLE 9

PERCENT FREQ OF WIND DIRECTION V₂ WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
<1/2	0-3	*	*	.0	.0	.0	.0	.0	.0	.0	*	.1	
	4-10	*	*	.0	*	*	.0	*	*	.0		.1	
	11-21	*	*	.0	.0	.0	*	*	.0	.0		.1	
	22+	.0	.0	.0	*	*	*	*	.0	.0		*	
	TOT %	.1	*	*	*	*	.1	.1	*	.0	*	.3	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	*	*	*	*	*	.1	*	*	.0		.1	
	11-21	.0	.0	.0	*	*	.1	.1	.0	.0		.2	
	22+	.0	.0	.0	.0	.0	.0	*	*	.0	.0	*	
	TOT %	*	*	*	*	*	.1	.1	*	.0	.0	.4	
1<2	0-3	*	*	*	.0	.0	.0	.0	*	.0	*	.1	
	4-10	*	*	*	*	*	.1	*	*	.0	*	.3	
	11-21	*	*	.0	.0	*	.2	.1	*	.0		.4	
	22+	.0	.0	.0	.0	.0	*	*	*	.0	*	.1	
	TOT %	*	.1	*	*	.1	.3	.2	.1	.0	*	.8	
2<5	0-3	.1	.1	*	*	*	*	*	*	.0	.1	.3	
	4-10	.1	.1	.1	.1	.1	.3	.3	.2	.0		1.3	
	11-21	.0	.1	.1	*	*	.7	.5	.1	.0		1.6	
	22+	.0	.0	.0	.0	*	.2	.1	*	.0		.4	
	TOT %	.2	.3	.2	.1	.2	1.3	1.0	.4	.0	.1	3.6	
5<10	0-3	.2	.2	.2	.1	.1	.1	.2	.2	.0	.5	2.0	
	4-10	.9	1.0	.6	.3	.4	1.4	1.6	1.0	.0		7.0	
	11-21	.1	.2	.2	.1	.2	2.7	1.9	.3	.0		5.7	
	22+	.0	*	.0	.0	.1	.5	.5	*	.0		1.2	
	TOT %	1.2	1.4	1.1	.5	.7	4.8	4.2	1.5	.0	.5	16.0	
10+	0-3	2.0	1.9	.9	.7	.7	.9	1.4	1.3	.0	3.4	13.2	
	4-10	7.3	10.6	6.9	2.0	1.8	6.9	6.0	4.4	.0		45.9	
	11-21	.4	2.6	2.3	.3	.9	6.7	4.3	.5	.0		18.1	
	22+	*	*	*	*	.1	1.2	.5	*	.0		1.8	
	TOT %	9.7	15.1	10.1	3.1	3.5	15.6	12.3	6.2	.0	3.4	79.0	
TOT DBS													8636
TOT PCT		11.2	16.9	11.4	3.8	4.5	22.1	17.9	8.2	.0	4.0	100.0	

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TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5000 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.3	.5	1.5	3.9	10.2	6.6	3.0	.7	.0	.3	.3	27.0	73.0	452
06009	.2	.0	1.3	5.6	10.3	5.8	1.9	.3	.0	.1	.1	25.5	74.5	483
12015	.0	.0	1.2	4.7	13.5	4.9	1.6	.3	.2	.4	.4	26.7	73.3	488
18021	.2	.5	2.3	2.3	12.3	3.8	2.3	.2	.2	.7	.7	24.9	75.1	406
TOT PCT	3 .2	4 .2	27 1.6	67 4.1	196 11.6	94 5.3	39 2.1	7 .4	2 .1	7 .4	7 .1	446 26.1	1383 73.9	1829 100.0

TABLE 11

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.5	5.5	16.5	77.5	416
06009	.0	.5	.0	2.3	13.9	83.4	446
12015	.0	.0	.3	4.7	15.8	79.2	457
18021	.2	.5	.6	3.5	13.1	82.1	372
TOT PCT	1 .2	4 .2	6 .3	66 4.0	265 15.0	1349 80.3	1691 100.0

TABLE 12

HOUR (GMT)	< 150 CEILING HGT	< 500 CEILING HGT	< 600 CEILING HGT	< 1000 CEILING HGT	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.3	.3	2.6	11.8	19.5	66.8	416
06009	.2	.2	2.1	9.7	18.7	71.6	446
12015	.0	.0	1.3	9.8	20.1	70.2	457
18021	.2	.2	3.1	9.3	19.9	70.8	372
TOT PCT	3 .2	35 2.3	35 2.3	160 10.2	316 19.6	1215 70.2	1691 100.0

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
90/94	.0	.0	.0	.0	.1	.2	.0	.0	5	.3
85/89	.0	.0	.0	.2	1.3	7.7	2.8	.2	183	12.1
80/84	.0	.0	.1	.3	3.5	26.4	37.9	8.4	1109	76.6
75/79	.0	.0	.0	.0	.5	1.5	3.4	5.4	159	10.9
70/74	.0	.0	.0	.0	.0	.0	.0	.2	2	.2
TOTAL	0	0	1	8	87	545	619	198	1458	100.0
PCT	.0	.0	.1	.5	5.3	35.8	44.2	14.2		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
	.2	.6	1.0	.0	.0	.1	.0	.0	.0	.0
	1.6	13.4	8.9	4.0	1.0	2.2	1.9	1.0	.0	1.0
	.8	2.0	1.3	.6	.5	2.2	10.3	5.5	.0	4.0
	.0	.0	.0	.1	.0	.1	2.1	.7	.0	.6
	8.5	17.0	11.2	5.4	5.6	25.1	14.4	7.1	.0	5.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	90	85	84	82	78	75	73	81.5	1606
06009	92	88	87	83	79	76	73	82.9	3773
12015	91	87	85	82	78	75	73	81.9	2390
18021	90	85	83	81	78	76	72	81.2	3146
TOT	92	88	86	82	78	75	72	82.0	10915

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.5	3.2	23.8	51.9	20.6	83	359
06009	.0	.8	7.0	47.8	34.8	9.6	79	402
12015	.0	.4	6.5	39.5	41.9	11.7	80	386
18021	.0	.5	3.8	33.2	47.7	14.7	82	348
TOT	0	10	88	567	629	201	81	1495

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WQ
	76	80	84	88	92	FOG	FOG	FOG
11/13	.0	.0	*	.1	.0	6	.0	.1
9/10	.0	.0	.2	.1	.0	12	.0	.2
7/8	.0	.0	.3	.1	.1	31	.0	.6
6	.0	.0	.0	*	.0	2	.0	*
5	.0	*	1.1	.6	.1	107	.0	1.9
4	.0	.1	2.3	1.5	.2	239	*	4.2
3	.0	.0	.2	.1	*	12	.0	.3
2	*	.4	9.5	2.7	.2	718	.1	12.8
1	.0	.1	1.8	.6	*	140	.0	2.5
0	.2	2.0	25.3	2.9	*	1702	.1	30.3
-1	.0	.6	5.4	.7	.0	376	*	6.7
-2	.3	4.3	17.6	.8	.0	1287	*	23.1
-3	.0	1.0	1.5	.1	.0	144	*	2.5
-4	.4	3.8	4.9	.1	.0	525	.1	9.2
-5	.5	1.5	1.1	*	.0	180	.1	3.0
-6	*	.3	.1	.0	.0	28	*	.4
-7/-8	.4	.7	.1	.0	.0	74	.1	1.1
-9/-10	.1	.2	.0	.0	.0	19	*	.3
-11/-13	*	*	.0	.0	.0	4	.0	.1
-14/-16	*	.0	.0	.0	.0	1	.0	*
TOTAL	113	828	3997	830	45	5613	43	5570
PCT	2.0	15.2	71.5	10.5	.7	100.0	.7	99.3

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TABLE 18

PERIOD: (OVER-ALL) 1963-1971

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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	N	48+	PCT	1-3	4-10	11-21	22-33	NE	34-47	48+	PCT
<1	1.4	2.4	.0	.0	.0	.0	3.7	1.8	3.0	.0	.0	.0	.0	.0	4.8
1-2	.8	2.8	.0	.0	.0	.0	3.6	.4	5.6	1.4	.0	.0	.0	.0	7.4
3-4	.0	.9	.4	.0	.0	.0	1.3	.0	2.3	.2	.0	.0	.0	.0	4.5
5-6	.0	.0	.1	.0	.0	.0	.1	.0	.2	.6	.0	.0	.0	.0	.8
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.2	6.0	.5	.0	.0	.0	8.7	2.2	11.1	4.4	.2	.0	.0	.0	18.0

HGT	1-3	4-10	11-21	22-33	E	48+	PCT	1-3	4-10	11-21	22-33	SE	34-47	48+	PCT
<1	1.6	1.0	.0	.0	.0	.0	2.5	.8	1.1	.0	.0	.0	.0	.0	1.8
1-2	.2	2.9	.7	.0	.0	.0	3.8	.4	.6	.0	.0	.0	.0	.0	1.0
3-4	.0	1.1	1.2	.0	.0	.0	2.4	.1	.8	.5	.0	.0	.0	.0	.5
5-6	.0	.4	.3	.0	.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.1
7	.0	.0	.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.9	5.4	2.7	.0	.0	.0	10.0	1.3	2.5	.5	.0	.0	.0	.0	4.4

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TABLE 18
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PERIOD: (OVER-ALL) 1963-1971
PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.5	.3	.0	.0	.0	.0	.8	.6	1.3	.2	.0	.0	.0	2.1
1-2	.0	.5	.4	.0	.0	.0	.9	.0	4.4	2.5	.0	.0	.0	6.8
3-4	.2	.9	.9	.0	.0	.0	1.9	.0	3.1	4.6	.3	.0	.0	8.0
5-6	.0	.0	.3	.0	.0	.0	.3	.0	1.2	3.1	.9	.0	.0	5.2
7	.0	.0	.3	.0	.0	.0	.3	.0	.0	1.4	.1	.0	.0	1.6
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2
10-11	.0	.0	.1	.0	.0	.0	.1	.0	.0	.2	.0	.0	.0	.2
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.7	1.7	2.0	.0	.0	.0	4.4	.6	12.0	12.0	1.5	.0	.0	24.1

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.5	1.1	.2	.0	.0	.0	2.9	1.4	1.9	.0	.0	.0	.0	3.3
1-2	.1	3.6	1.0	.0	.0	.0	4.8	.1	2.2	.3	.0	.0	.0	2.5
3-4	.0	1.5	3.1	.0	.0	.0	4.6	.0	1.3	.7	.0	.0	.0	2.0
5-6	.0	.2	2.0	.1	.0	.0	2.3	.0	.0	.5	.0	.0	.0	.5
7	.4	.0	.3	.0	.0	.0	.7	.0	.0	.2	.0	.0	.0	.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.1	6.5	6.6	.1	.0	.0	15.2	1.4	5.4	1.7	.0	.0	.0	8.6

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TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (Ft.)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	16.4	12.1	.4	.0	.0	.0	30.9	648
1-2	1.3	21.8	5.0	.0	.0	.0	29.7	
3-4	.7	11.4	13.1	.3	.0	.0	25.5	
5-6	.0	1.9	6.9	.9	.0	.0	9.7	
7	.4	.0	2.9	.1	.0	.0	3.4	
8-9	.0	.0	.0	.2	.0	.0	.2	
10-11	.0	.0	.4	.2	.0	.0	.5	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	21.4	47.2	29.5	1.7	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	8.0	22.9	16.8	5.0	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	790	2
6-7	.1	2.8	7.8	6.7	4.2	.7	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	307	4
8-9	.1	.4	.8	2.2	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	87	6
10-11	.0	.0	.1	.3	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	6
12-13	.0	.0	.2	.2	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	7
>13	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	5
INDET	11.0	1.7	1.1	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	241	1
TOTAL	315	413	370	211	109	25	12	0	0	0	0	0	0	0	0	0	0	0	0	0	1456	3
PCT	19.1	27.7	26.9	15.4	8.1	1.9	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

AREA 0012 VICTORIA POINT
9.7N 96.7E

PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEC F) BY MONTH

SESA THP DEG F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NDV	DEC	ANN	PCT
96+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
93/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91/90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89/92	.0	.0	.4	2.9	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
87/88	.4	.5	3.8	11.8	8.4	.8	.5	.4	.5	.5	1.3	.1	267	2.5
85/86	.7	4.1	18.0	34.1	28.7	7.8	2.8	3.0	2.0	4.1	3.9	3.3	1043	10.0
83/84	13.7	23.3	41.2	32.6	38.1	43.2	25.3	18.4	16.5	24.7	32.1	20.1	2915	27.6
81/82	56.9	53.1	33.3	16.9	21.3	41.8	64.3	69.3	63.3	56.9	52.6	52.9	4990	47.6
79/80	22.3	13.1	3.6	1.1	1.7	3.8	6.2	8.3	14.7	11.0	7.4	18.6	951	9.1
77/78	4.9	3.6	.4	.6	.1	1.8	.5	.7	2.2	2.2	1.0	3.8	189	1.8
75/76	1.1	1.4	.2	.1	.0	1.7	.5	.1	.8	.5	1.1	1.1	64	.6
73/74	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	16	.2
71/72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69/70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67/68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65/66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61/62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59/60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57/58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55/56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51/52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49/50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45/46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43/44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41/42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39/40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37/38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35/36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33/34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31/32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29/30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27/28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
<27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	835	999	1114	939	890	885	865	847	836	845	620	785	10480	100.0
MEAN	81.1	81.6	83.3	84.5	84.1	82.6	82.1	81.3	81.5	81.9	83.2	81.4	82.3	

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1855-1971

AREA 0012 VICTORIA POINT
9.7N 96.7E

TABLE 21

MO	PRESSURE (MB)											TOTAL OBS
	AVERAGE BY HOUR (GMT)											
	0000	0300	0600	0900	1200	1500	1800	2100	MEAN			
JAN	1011	1011	1012	1009	1011	1011	1012	1010	1011		520	
FEB	1011	1012	1012	1009	1010	1011	1012	1010	1011		573	
MAR	1009	1012	1011	1008	1009	1010	1010	1009	1010		626	
APR	1009	1010	1010	1007	1008	1009	1009	1008	1009		568	
MAY	1008	1010	1008	1006	1007	1008	1009	1007	1008		593	
JUN	1008	1007	1008	1006	1007	1008	1008	1007	1008		514	
JUL	1008	1009	1008	1006	1007	1008	1009	1007	1008		509	
AUG	1008	1008	1009	1007	1008	1008	1009	1007	1008		459	
SEP	1009	1007	1009	1007	1008	1009	1009	1007	1008		508	
OCT	1010	1012	1010	1008	1009	1010	1010	1009	1010		492	
NOV	1010	1011	1010	1009	1009	1011	1011	1009	1010		470	
DEC	1011	1012	1011	1008	1010	1010	1012	1009	1010		429	
ANN	1009	1010	1010	1008	1009	1009	1010	1008	1009		6261	
CBS	740	740	1476	766	816	778	815	767				

PERCENTILES

MO	MIN	1%	5%	25%	50%	75%	95%	99%	MAX
JAN	1004	1005	1007	1009	1011	1012	1015	1016	1020
FEB	1004	1005	1007	1009	1011	1012	1015	1016	1018
MAR	1002	1004	1006	1008	1010	1011	1014	1018	1020
APR	1002	1002	1005	1007	1009	1010	1013	1016	1018
MAY	1000	1001	1003	1006	1008	1009	1012	1013	1015
JUN	1001	1002	1004	1006	1008	1009	1011	1014	1016
JUL	1001	1002	1003	1006	1008	1009	1012	1015	1016
AUG	1002	1003	1004	1006	1008	1009	1011	1013	1014
SEP	1002	1003	1005	1007	1008	1010	1012	1014	1016
OCT	1003	1004	1006	1008	1009	1011	1013	1017	1019
NOV	1004	1004	1006	1008	1010	1011	1014	1016	1017
DEC	1002	1005	1006	1009	1010	1012	1014	1016	1017

JANUARY

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1866-1968

AREA 0013 RANGDON
14.4N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SH-R	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE HAZE	DUST BLWG	NO SNOW	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	36.8
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	21.6
E	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	9.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	3.8
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	4.1
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	10.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
TOT OBS	1	.0	.0	.0	.0	.0	.0	.0	1	.0	.4	.6	.0	.0	526
TOT PCT	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.7	1.1	.0	.0	98.0

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SH-R	DRZL	PRECIPITATION TYPE			MAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR L 'IG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE HAZE	DUST BLWG	NO SNOW	
00003	1.8	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	3.6	.0	.0	94.6
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	99.5
12015	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.7	.0	.0	97.2
18021	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	2.6	.0	.0	96.1
TOT	1	.0	.0	.0	.0	.0	.0	.0	1	1	.4	.8	.0	.0	540
PCT	.2	.0	.0	.0	.0	.0	.0	.2	.0	.2	.7	1.4	.0	.0	97.5

JANUARY

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1866-1968

AREA 0013 RANGDON
14.4N 96.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21				
N	6.7	24.4	2.9	.0	.0	.0	.0	37.5	37.2	44.1	27.1	27.9	25.9	27.9	35.6						
NE	5.1	17.1	1.7	.0	.0	.0	.0	28.6	29.3	29.1	25.9	23.5	20.5	19.8	19.2						
E	1.9	6.8	.9	.0	.0	.0	.0	14.9	10.4	11.7	10.9	8.3	9.5	6.7	7.5						
SE	1.3	2.1	.1	.0	.0	.0	.0	2.4	1.8	2.0	5.3	6.9	3.9	3.0	3.6						
S	1.4	1.3	.0	.0	.0	.0	.0	.0	.0	1.8	4.7	1.0	4.5	4.0	1.2						
SW	2	1.3	.0	.0	.0	.0	.0	.0	.0	.5	4.4	1.8	5.4	4.7	4.2						
W	1.3	3	.1	.0	.0	.0	.0	1.8	2.4	2.3	3.4	4.9	9.2	10.2	6.0						
NW	2.3	7.0	1.0	.0	.0	.0	.0	12.5	12.8	6.4	4.1	9.8	8.6	11.6	19.8						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CALM	6.9	647	69	0	0	0	0	2.4	6.1	2.0	8.1	5.9	12.5	12.1	3.0						
TOT OBS	299	63.7	6.8	.0	.0	.0	.0	42	82	196	160	51	168	149	167						
TOT PCT	29.5	63.7	6.8	.0	.0	.0	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)															
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21								
N	19.2	14.7	*	.0	.0	33.9	6.4	37.3	39.2	26.4	32.0													
NE	15.7	7.9	.2	.0	.0	23.9	6.0	29.0	27.7	21.2	19.5													
E	5.8	3.8	.1	.0	.0	9.7	6.4	11.9	11.4	9.2	7.1													
SE	2.7	.7	.1	.0	.0	3.5	5.0	2.0	5.5	4.6	3.3													
S	2.1	.5	.0	.0	.0	2.7	4.2	.0	3.7	3.1	2.5													
SW	3.3	.4	.0	.0	.0	3.6	3.7	.0	2.8	6.8	4.4													
W	4.2	1.3	.0	.0	.0	5.5	5.0	.0	2.2	8.2	8.0													
NW	6.5	3.6	.2	.0	.0	10.3	6.2	12.7	5.3	8.6	15.9													
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0													
CALM	6.9	334	7	0	0	6.9	5.0	.0	.0	.0	.0													
TOT OBS	674	32.5	.7	.0	.0	1015	5.6	124	356	11.0	7.3													
TOT PCT	66.4	32.5	.7	.0	.0	100.0	5.6	100.0	100.0	100.0	100.0													

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1865-1968

JANUARY

AREA C013 RANGOON
14.4N 96.0E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)				PCT		TOTAL	
		1-3	4-10	11-21	22-33	34-47	48+	MEAN	DBS
0000	4.8	15.3	73.4	6.5	.0	.0	.0	5.9	100.0
0600	4.8	19.5	68.8	7.9	.0	.0	.0	6.1	100.0
1200	11.0	26.5	57.1	5.5	.0	.0	.0	5.1	100.0
1800	7.3	27.2	58.9	6.6	.0	.0	.0	5.2	100.0
TOT	70	229	647	69	.0	.0	.0	5.6	1015
PCT	6.9	22.6	63.7	6.8	.0	.0	.0	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2	3-4	5-7	8-9	DBSCD	TOTAL		MEAN	
						DBS	DBS	CLOUD COVER	
N	22.1	3.8	3.8	.0	.0	.0	.0	1.9	
NE	21.2	4.3	2.4	.0	.0	.0	.0	1.6	
E	4.8	1.4	1.4	.0	.0	.0	.0	2.5	
SE	3.8	.0	.0	.0	.0	.0	.0	1.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	
SW	5.8	.0	.0	.0	.0	.0	.0	.0	
W	1.0	2.9	.0	.0	.0	.0	.0	3.0	
NW	4.8	2.9	1.9	3.8	.0	.0	.0	4.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	7.7	.0	.0	.0	.0	.0	.0	.0	
TOT DBS	37	8	5	2	2	52	52	2.0	
TOT PCT	71.2	15.4	9.6	3.8	3.8	100.0	100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8 AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION													
WIND DIR	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	ANY HGT	TOTAL DBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.4
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
TOT DBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	52
													100.0

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1865-1968

JANUARY

AREA 0013 RANGOON
14.4N 96.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR		OR		OR		OR		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>10	>5
OR >6500	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
OR >5000	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
OR >3500	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
OR >2000	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
OR >1000	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
OR >600	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
OR >300	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
OR >150	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
OR >0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
TOTAL	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

TOTAL NUMBER OF OBS: 58 PCT FREQ NH <5/8: 89.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	9	TOTAL
45.7	25.7	5.7	7.1	4.3	2.9	1.4	1.4	5.7	.0	70

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1866-1968

JANUARY

AREA 0013 RANGOON
14.4N 96.0E

TABLE R

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .1	.3	.2	.2	.0	.0	.0	.2	.0	.0	.0	.9
	TOT % .1	.3	.2	.2	.0	.0	.0	.2	.0	.0	.0	.9
2<5	PCP .0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2
	NO PCP .0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.2
	TOT % .0	.0	.2	.0	.0	.1	.1	.0	.0	.0	.0	.4
5<10	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP 6.0	4.4	2.0	1.2	1.0	1.0	1.4	2.6	.0	.2	19.7	19.7
	TOT % 6.0	4.4	2.0	1.2	1.0	1.0	1.4	2.6	.0	.2	19.7	19.7
10+	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP 31.0	17.2	7.1	3.0	2.3	3.2	4.5	8.5	.0	2.2	79.0	79.0
	TOT % 31.0	17.2	7.1	3.0	2.3	3.2	4.5	8.5	.0	2.2	79.0	79.0
TOT OBS	37.1	21.9	9.4	4.4	3.4	4.3	6.0	11.3	.0	2.4	100.0	537
TOT PCP												

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PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1866-1968

AREA 0013 RANGOON
14.4N 96.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
	4-10	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.4	.4
	11-21	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.2	.1	.1	.0	.0	.0	.1	.0	.0	.6	.6
2<5	0-3	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.4	.4
	4-10	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.5	.5
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.9	.9
5<10	0-3	1.4	.8	.4	.2	.1	.2	.2	.4	.0	.7	4.4	4.4
	4-10	2.3	2.0	1.1	.6	.5	.4	.7	1.1	.0	.7	8.7	8.7
	11-21	.4	.4	.2	.0	.0	.0	.1	.2	.0	.0	1.2	1.2
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	4.0	3.2	1.7	.8	.7	.7	1.0	1.7	.0	.7	14.4	14.4
10+	0-3	5.6	4.0	1.3	1.1	.7	1.7	2.0	2.1	.0	5.6	24.1	24.1
	4-10	22.4	14.3	5.4	1.6	1.0	1.1	3.1	6.5	.0	.0	55.4	55.4
	11-21	2.0	1.3	.7	.0	.0	.1	.1	.6	.0	.0	4.7	4.7
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	30.0	19.6	7.3	2.7	1.7	2.9	5.1	9.2	.0	5.6	84.2	84.2
TOT OBS													835
TOT PCT		34.3	23.1	9.2	3.7	2.5	3.6	6.2	11.1	.0	6.5	100.0	

PERIOD: (PRIMARY) 1924-1963
(OVER-ALL) 1806-1963

JANUARY

AREA 0013 RANGE 14.4N 96.0E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	.0	11.8	.0	.0	5.9	.0	23.5	76.5	17
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	15
12015	.0	.0	.0	.0	.0	5.9	.0	.0	.0	.0	5.9	94.1	17
18021	.0	.0	.0	.0	.0	5.3	.0	.0	.0	.0	5.3	94.7	19
TOT PCT	.0	.0	.0	.0	.0	4	.0	1.5	.0	1.5	8.8	91.2	68 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	12.5	87.5	16
06009	.0	.0	.0	.0	8.3	91.7	12
12015	.0	.0	.0	6.7	6.7	86.7	15
18021	.0	.0	.0	.0	13.3	86.7	15
TOT PCT	.0	.0	.0	1.7	10.3	87.9	58 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET, NH >4/8) BY HOUR

HOUR (GMT)	<150 <5000	<400 <1000 <1 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	25.0	75.0
06009	.0	.0	.0	100.0	12
12015	.0	.0	6.7	.0	93.3
18021	.0	.0	.0	6.7	93.3
TOT PCT	.0	.0	1.7	8.6	52 89.7 100.0

JANUARY

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1866-1968

AREA 0013 RANGOON
14.4N 96.0E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
80/84	.0	.0	.0	4.9	9.9	9.9	9.9	2.5	30	37.0
75/79	.0	.0	.0	3.7	9.9	17.3	16.0	2.5	40	49.4
70/74	.0	.0	.0	.0	6.2	4.9	2.5	.0	11	13.6
TOTAL	0	0	0	7	21	26	23	4	81	100.0
PCT	.0	.0	.0	8.6	25.9	32.1	28.4	4.9		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
80/84	8.6	10.2	2.2	1.9	3.1	3.1	2.2	2.2	.0	3.7
75/79	13.0	16.7	4.9	.0	.0	1.2	2.2	11.4	.0	.0
70/74	5.6	1.9	.0	.0	.0	1.2	.0	4.9	.0	.0
TOTAL	27.2	28.7	7.1	1.9	3.1	5.6	4.3	18.5	.0	3.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0003	84	83	82	79	73	70	69	78.2	125
0609	88	87	86	81	75	74	70	80.9	357
1215	86	85	84	79	75	72	72	79.3	223
1821	84	83	82	79	73	70	68	78.0	318
TOT	88	86	84	79	74	70	68	79.3	1023

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0003	.0	14.3	4.8	28.6	47.6	4.8	77	21
0609	.0	7.7	69.2	15.4	7.7	.0	67	13
1215	.0	10.5	21.1	47.4	15.8	5.3	74	19
1821	.0	2.9	26.5	35.3	29.4	5.9	76	24
TOT	0	7	23	29	24	4	74	87

PERIOD: (PRIMARY) 1924-1968
(OVER-ALL) 1866-1968

JANUARY

AREA 0013 RANGOON
14.4N 96.0E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	TOT	W FOG	WJ FOG
11/13	.0	.0	.0	.0	.0	.2	1	.0	.2
9/10	.0	.0	.0	.0	.2	.2	2	.0	.4
7/8	.0	.0	.0	.2	.8	.2	6	.0	1.1
6	.0	.0	.0	.0	.0	.2	1	.0	.2
5	.0	.0	.0	.0	2.7	1.0	19	.0	3.6
4	.0	.0	.0	1.3	4.6	1.0	36	.0	6.8
3	.0	.0	.0	.6	.4	.0	5	.0	1.0
2	.0	.0	.8	4.6	10.1	.2	82	.0	15.6
1	.0	.0	.4	1.7	.6	.0	14	.0	2.7
0	.0	.0	2.7	14.4	13.5	.0	161	.4	30.2
-1	.0	.0	.6	1.3	.6	.0	13	.0	2.5
-2	.0	1.1	2.5	10.1	4.4	.0	95	.2	17.9
-3	.0	.0	1.5	.4	.0	.0	10	.0	1.9
-4	.2	1.0	3.0	.2	.4	.0	46	.2	8.6
-5	.0	.2	2.9	1.7	.4	.0	27	.0	5.1
-6	.0	.4	.2	.0	.0	.0	3	.0	.6
-7/-8	.0	.0	.4	.2	.0	.0	3	.0	.6
-9/-10	.0	.4	.0	.0	.0	.0	2	.0	.4
TOTAL	1	16	78	214	202	15	526	4	522
PCT	.2	3.0	14.8	40.7	38.4	2.9	100.0	.8	99.2

PERIOD: (OVER-ALL) 1963-1968 JANUARY AREA 0013 RANGDON 14.4N 96.0E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N					NE					PCT			
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21		22-33	34-47	48+
<1	.0	.0	.0	.0	.0	.0	.0	.0	10.1	.0	.0	.0	.0	10.1
1-2	5.1	22.6	.0	.0	.0	.0	27.8	.0	3.8	.0	.0	.0	.0	3.8
3-4	.0	5.1	.0	.0	.0	.0	5.1	.0	1.3	5.1	.0	.0	.0	6.3
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	E					SE					PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33		34-47	48+
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	8.9	.0	.0	.0	.0	8.9	.0	.0	.0	.0	.0	.0
3-4	.0	3.8	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	12.7	.0	.0	.0	.0	12.7	.0	.0	.0	.0	.0	.0

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3967-476; ()

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

	1-3	4-10	11-21	22-33	34-47	48+	PCT	NW	48+	PCT
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1
✓ 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
98	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
100	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
102	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
103	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
104	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
105	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
106	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
107	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
108	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
109	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
110	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
111	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
112	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
113	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
114	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
115	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
116	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
117	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
118	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
119	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
120	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
121	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
122	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
123	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
124	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
125	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
126	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
127	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
128	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
129	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
130	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
131	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
132	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
133	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
134	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
135	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
136	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
137	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
138	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
139	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
140	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
141	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
142	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
143	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
144	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
145	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
146	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
147	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
148	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
149	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
150	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
151	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
152	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
153	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
154	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
155	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
156	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
157	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
158	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
159	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
160	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
161	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
162	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
163	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
164	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
165	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
166	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
167	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
168	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
169	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
170	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
171	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
172	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
173	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
174	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
175	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
176	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
177	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
178	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
179	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
180	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
181	.0	.0	.0	.0	.0	.0	.0	.0	.0	.

PERIOD (OVER-ALL) 1963-1968

JANUARY

AREA 0013 RANGDON
14.4N 96.0E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	10.0	20.0	.0	.0	.0	.0	30.0	
1-2	10.0	40.0	.0	.0	.0	.0	50.0	
3-4	.0	10.0	10.0	.0	.0	.0	20.0	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	20.0	70.0	10.0	.0	.0	.0	100.0	
							20	

PERIOD (OVER-ALL) 1949-1968

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	18.9	32.4	16.2	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26	2
6-7	.0	5.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	2
10-11	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	2
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDEX	16.2	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	0
TOTAL	35.1	43.2	18.9	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	37	2
PC								.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD (PRIMARY) 1918-1949 AREA 0013 RANGOON 14.3N 96.0E
 (OVER-ALL) 1857-1969

FEBRUARY

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW					PCPN	FOG	SMOKE	DUST	NO	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	23.6
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.2	.0	.0	10.9
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	4.6
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	3.8
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	6.4
SW	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	.0	.2	.0	.0	9.9
W	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.0	.0	13.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0	18.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
TOT OBS	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.12	.0	.8	.0	.0	560
TOT PCT	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.1	.0	1.4	.0	.0	96.2

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW					PCPN	FOG	SMOKE	DUST	NO	
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	3.3	.0	.0	95.1
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	.0	.9	.0	.0	95.6
12015	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.7	.0	.7	.0	.0	98.0
18021	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	.0	2.0	.0	.0	96.1
TOT	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.12	.0	.8	.0	.0	568
PCT	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.0	.0	1.4	.0	.0	96.3

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						TOTAL OBS	PCT FREQ	MEAN SPD	OC	HOUR (GMT)					
	0-3	4-10	11-21	22-33	34-47	48+					03	06	09	12	15	18
N	5.5	15.1	2.0	.1	.0	.0	22.7	6.3	30.7	28.8	33.4	20.9	22.8	14.6	18.6	14.0
NE	2.5	6.7	1.1	.1	.0	.0	10.4	6.3	9.9	13.6	21.6	5.9	13.8	5.2	6.6	7.7
E	1.7	3.0	.7	*	.0	.0	5.4	6.0	1.9	9.6	7.3	8.7	5.2	4.5	1.5	4.1
SE	1.4	2.3	.2	*	.0	.0	4.0	5.1	1.4	3.0	4.1	7.5	6.0	3.5	2.2	3.3
S	1.8	3.1	.2	.0	.0	.0	5.1	5.3	5.7	2.0	2.4	11.2	14.7	5.2	3.2	3.0
SW	2.3	6.8	.2	.0	.0	.0	9.3	5.2	9.9	2.0	2.1	11.7	5.2	17.1	12.9	8.5
W	2.5	9.4	.7	.0	.0	.0	12.6	6.0	4.7	7.1	5.3	6.1	12.1	17.3	22.4	17.9
NW	3.5	14.7	1.8	.1	.0	.0	20.0	6.5	31.1	23.7	15.3	14.0	9.9	17.8	22.8	29.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	10.5	739	83	4	0	0	10.5	.0	5.7	10.1	8.6	14.0	10.3	14.9	9.9	7.1
TOT OBS	382							5.4	53	99	233	179	58	202	202	182
TOT PCT	31.6	61.2	6.9	.3	.0	.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 4A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21
N	13.9	8.4	.5	.0	.0	.0	22.7	6.3	29.4	28.0	16.4	18.8				
NE	6.7	3.4	.3	.0	.0	.0	10.4	6.3	12.3	14.7	7.1	7.1				
E	3.7	1.7	*	.0	.0	.0	5.4	5.0	6.6	7.9	4.6	2.7				
SE	3.2	.6	.1	.0	.0	.0	4.0	5.1	2.5	5.6	4.0	2.7				
S	3.6	1.4	*	.0	.0	.0	5.1	5.3	3.3	6.2	7.3	3.1				
SW	7.2	2.0	*	.0	.0	.0	9.3	5.2	4.8	6.3	14.4	10.8				
W	8.2	4.3	.1	.0	.0	.0	12.6	6.0	6.3	5.6	16.2	20.2				
NW	12.1	7.6	.4	.0	.0	.0	20.0	6.5	26.3	14.7	16.1	25.9				
V.O	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	10.5	354	18	0	0	1208	10.5	.0	8.6	10.9	13.8	8.6				
TOT OBS	836							5.4	152	412	260	384				
TOT PCT	69.2	29.3	1.5	.0	.0	.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
00003	8.5	23.7	54.9	7.2	.7	.0	.0	5.4	100.0	152
06009	10.3	24.5	58.3	6.3	.0	.0	.0	5.2	100.0	412
12015	13.3	13.1	6.5	5.8	.8	.0	.0	5.2	100.0	260
18021	8.3	18.5	64.6	8.1	.3	.0	.0	5.8	100.0	384
TOT	127	255	739	83	4	0	0	5.4	100.0	1208
PCT	10.5	21.1	61.2	6.9	.3	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	16.3	6.3	6.3	.0	.0	2.4
NE	6.9	1.4	7.3	.0	.0	3.5
E	1.4	.0	4.2	1.4	1.4	5.2
SE	.0	4.2	3.1	.0	.0	4.2
S	1.0	1.4	1.0	.0	.0	3.1
SW	2.1	1.4	.3	.0	.0	1.7
W	6.3	3.8	1.0	.0	.0	2.1
NA	9.0	3.8	.3	.0	.0	1.8
VAR	.0	.0	.0	.0	.0	.0
CALM	8.3	1.4	.0	.0	.0	.5
TOT OBS	37	17	17	1	72	2.6
TOT PCT	51.4	23.6	23.6	1.4	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	TOTAL
	149	299	599	999	1999	3499	4999	6499	7999		ANY HGT	OBS
N	.0	.0	.0	.0	.0	.0	1.4	.0	.0	1.4	26.0	
NE	.0	.0	.0	.0	1.4	.0	.0	.0	2.8	.0	11.5	
E	1.4	.0	.0	1.4	.0	.0	.0	.0	.0	.0	4.2	
SE	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	6.9	
S	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	2.4	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	
NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	1	0	0	1	1	1	1	0	0	2	64	72
TOT PCT	1.4	.0	.0	1.4	1.4	1.4	1.4	.0	2.8	1.4	38.9	100.0

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TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 478) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
OR >5000	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
OR >3500	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
OR >2000	5.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8
OR >1000	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2
OR >600	6.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6
OR >300	6.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6
OR >150	6.8	9.6	9.6	9.6	9.6	9.6	9.6	9.6
OR >0	5.5	11.0	11.0	11.0	11.0	11.0	11.0	11.0
TOTAL	5	8	8	8	8	8	8	8

TOTAL NUMBER OF OBS: 73 PCT FREQ NH < 5/81 59.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
	46.2	14.1	15.7	9.0	3.8	2.6	2.6	3.8	1.3	.0	78

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

WSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	.6	.2	.0	.0	.0	.2	.2	.1	.0	.0	1.2	
TOT %	.6	.2	.0	.0	.0	.2	.2	.1	.0	.0	1.2	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5	.0	.2	.2	.1	.1	.1	.1	.0	.0	.2	.2	
TOT %	.0	.2	.2	.1	.1	.1	.1	.0	.0	.2	.9	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10	3.9	1.2	.7	1.6	1.5	2.2	2.1	3.2	.0	.5	16.8	
TOT %	3.9	1.2	.7	1.5	1.5	2.2	2.1	3.2	.0	.5	16.8	
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	
10+	20.2	9.8	3.9	2.4	4.9	8.0	10.9	15.9	.0	4.8	80.9	
TOT %	20.2	9.8	3.9	2.4	4.9	8.1	11.0	15.9	.0	4.8	81.1	
TOT OBS	24.7	11.4	4.7	4.1	6.5	10.6	13.3	19.2	.0	5.5	100.0	582

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VISBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.2	.0	.0	.0	.1	.0	.1	.1	.0	.0	.4	
	4-10	.2	.0	.0	.0	.0	.0	.0	.3	.0	.0	.6	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.4	.0	.0	.0	.1	.0	.1	.4	.0	.0	1.0	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2	0-3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
	4-10	.4	.1	.0	.0	.0	.1	.0	.1	.0	.0	.7	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.4	.1	.0	.0	.0	.2	.1	.1	.0	.0	.9	
2<5	0-3	.0	.0	.1	.1	.2	.0	.0	.0	.0	.2	.6	
	4-10	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.4	
	11-21	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.1	.2	.2	.1	.2	.1	.1	.1	.0	.2	1.1	
5<10	0-3	1.2	.3	.3	.7	.3	.4	.5	.5	.0	1.2	5.4	
	4-10	2.0	.8	.4	.6	.9	1.0	1.0	1.4	.0	.0	8.1	
	11-21	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	3.3	1.1	.7	1.3	1.1	1.4	1.5	2.2	.0	1.2	13.8	
10+	0-3	4.1	2.4	1.7	1.0	1.5	1.9	2.0	3.0	.0	8.7	26.3	
	4-10	13.0	6.5	2.6	2.0	2.7	5.5	8.1	12.9	.0	.0	53.3	
	11-21	1.2	.4	.7	.1	.2	.1	.3	.5	.0	.0	3.5	
	22+	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	
	TOT %	18.3	9.3	5.0	3.1	4.4	7.4	10.4	16.5	.0	8.7	83.2	
TOT OBS													897
TOT PCT		22.5	10.8	5.9	4.4	5.8	9.2	12.2	19.2	.0	10.1	100.0	

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	5.6	5.6	.0	.0	.0	.0	11.1	88.9	18
06009	.0	.0	.0	.0	.0	.0	5.6	.0	11.1	5.6	22.2	77.8	18
12015	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	94.4	18
18021	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	4.2	95.8	24
TOT PCT	1 1.3	0 .0	0 .0	1 1.3	1 1.3	1 1.3	1 1.3	0 .0	2 2.6	1 1.3	8 10.3	70 89.7	78 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	< 150 < 500	< 600 < 1	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	11.1	88.9	18
06009	.0	.0	.0	25.0	75.0	16
12015	5.9	5.9	5.9	.0	94.1	17
18021	.0	.0	4.5	.0	95.5	22
TOT PCT	1 1.4	1 1.4	2 2.7	6 8.2	65 89.0	73 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	.0	22.2	77.8	18
06009	.0	.0	.0	.0	18.8	81.3	16
12015	.0	.0	.0	.0	23.5	76.5	17
18021	.0	.0	.0	.0	27.3	72.7	22
TOT PCT	0 .0	0 .0	0 .0	0 .0	17 23.3	56 76.7	73 100.0

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP											PCT FREQ	TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100					
85/89	.0	.0	.0	1.5	.0	1.5	.0	.0				2	3.0
80/84	.0	.0	.0	4.5	9.0	28.4	13.4	3.0				39	58.2
75/79	.0	.0	.0	.0	7.5	14.9	7.5	4.5				23	34.3
70/74	.0	.0	.0	.0	.0	1.5	1.5	1.5				3	4.5
TOTAL	0	0	0	4	11	31	15	6				67	100.0
PCT	.0	.0	.0	6.0	16.4	46.3	22.4	9.0					

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											PCT FREQ	TOTAL OBS
0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100					
85/89	1.5	.0	.0	.0	.0	.0	.0				2	3.0
80/84	7.8	7.5	.4	1.9	4.9	7.5	10.8				39	58.2
75/79	1.1	.0	.0	.0	3.7	6.3	11.9				23	34.3
70/74	.0	.0	.0	.0	1.5	1.5	.0				3	4.5
TOTAL	10.4	7.5	.4	1.9	10.1	15.3	22.8				67	100.0
PCT	10.4	7.5	.4	1.9	10.1	15.3	22.8					

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											TOTAL OBS
MAX	99%	95%	50%	5%	1%	MIN	MEAN				
84	83	83	79	74	68	68	78.7				150
90	88	85	82	77	73	72	81.5				406
88	85	84	80	75	73	72	80.1				256
88	84	82	79	74	70	69	78.8				367
TOT	87	84	80	75	72	68	80.0				1179

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											TOTAL OBS
0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN			
0000	.0	7.1	7.1	7.1	57.1	14.3	14.3	79			14
0600	.0	25.0	33.3	33.3	16.7	8.3	16.7	70			12
1200	.0	6.3	12.5	12.5	62.5	18.8	.0	74			16
1800	.0	.0	13.8	48.3	31.0	6.9	.0	78			29
TOT	0	5	11	34	15	6	76	71			71

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	TOT	W	WO
	68	72	76	80	84	88	92	FOG	FOG	FOG
9/10	.0	.0	.0	.0	.2	.3	.0	3	.0	.5
7/8	.0	.0	.0	.0	.7	.3	.3	8	.0	1.4
5	.0	.0	.0	.2	2.6	.0	.0	21	.0	3.6
4	.0	.0	.0	.7	4.8	1.7	.0	42	.0	7.2
3	.0	.0	.0	.0	1.0	.0	.0	6	.0	1.0
2	.0	.0	.7	.7	9.3	.2	.0	63	.3	10.5
1	.0	.0	.2	1.2	1.7	.3	.0	20	.0	3.4
0	.0	.3	1.2	7.9	22.0	.0	.0	183	.5	30.9
-1	.0	.0	.2	1.5	1.0	.0	.0	16	.0	2.7
-2	.0	.9	.9	11.5	8.4	.0	.0	126	.2	21.5
-3	.0	.0	.5	1.0	.5	.0	.0	12	.0	2.1
-4	.0	.0	1.4	5.5	1.7	.0	.0	50	1.0	7.6
-5	.0	.0	1.4	1.2	.0	.0	.0	15	.0	2.6
-7/-8	.2	.5	.9	.3	.0	.0	.0	11	.0	1.9
-9/-10	.2	.2	.2	.0	.0	.0	.0	3	.0	.5
-11/-13	.0	.0	.5	.0	.0	.0	.0	3	.0	.5
TOTAL	2	.0	46	.0	314	.0	2	582	12	570
PCT	.3	1.1	7.9	31.8	54.0	22	.3	100.0	2.1	97.9

PERIOD: (OVER-ALL) 1963-1969 FEBRUARY AREA 0013 RANGOUN 14.2N 90.0E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.9	.0	.0	.0	.0	3.9	5.3	.0	.0	.0	.0	.0	5.3
1-2	.0	10.5	10.5	.0	.0	.0	21.1	.0	.0	.0	.0	.0	.0	.0
3-4	3.9	3.9	5.3	.0	.0	.0	13.2	1.3	5.3	.0	.0	.0	.0	6.6
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.9	18.4	15.8	.0	.0	.0	38.2	6.6	5.3	.0	.0	.0	.0	11.8

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	3.9	.0	.0	.0	.0	.0	3.9	1.3	.0	.0	.0	.0	.0	1.3
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.9	.0	.0	.0	.0	.0	3.9	1.3	.0	.0	.0	.0	.0	1.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	5.3	1.3	.0	.0	.0	.0	5.6
1-2	5.3	5.3	.0	.0	.0	.0	10.5	.0	5.3	.0	.0	.0	.0	5.3
3-4	.0	.0	.0	.0	.0	.0	.0	.0	6.6	.0	.0	.0	.0	6.6
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	5.3	5.3	.0	.0	.0	.0	10.5	5.3	13.2	.0	.0	.0	.0	18.4

FEBRUARY

AREA 0013 RAN:UCN
14.3N 70.0E

PERIOD: (OVER-ALL) 1963-1969

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	40.9	4.5	.0	.0	.0	.0	45.5	22
1-2	4.5	18.2	9.1	.0	.0	.0	31.8	
3-4	4.5	13.6	4.5	.0	.0	.0	22.7	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-61	.0	.0	.0	.0	.0	.0	.0	
61-76	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	50.0	36.4	13.6	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1950-1969

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	6.4	48.9	14.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	2
6-7	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
NOET	23.4	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	0
TOTAL	29.8	53.2	17.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47	2
PC																					100.0	

MARCH

AREA 0013 "ANGODN"
14.3N 95.9E

PERIOD: (PRIMARY) 1915-1970
(OVER-ALL) 1855-1970

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION:

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCI FREQ PCPN AT DB 1:HE	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				DRZL	FRZG	SNOW	OTHER					FG	SMOKE	DUST	NO	SIG	WEA	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.0	.0	15.3	.0	15.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	6.2	.0	6.2
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	2.5	.0	2.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	3.0	.0	3.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.0	.0	7.3	.0	7.3
SW	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.4	.0	.0	15.6	.0	15.6
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	18.9	.0	18.9
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0	23.3	.0	23.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	4.7	.0	4.7
TOT OBS	1	1	0	0	0	0	0	0	.3	2	2	8	11	0	0	663	0	663
TOT PCT	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.3	1.2	1.6	.0	.0	96.6	.0	96.6

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCI FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				DRZL	FRZG	SNOW	OTHER					FG	SMOKE	DUST	NO	SIG	WEA	
0003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	1.2	.0	.0	96.5	.0	96.5
0609	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.2	.0	.0	94.9	.0	94.9
12015	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	98.9	.0	98.9
18021	.5	.5	.0	.0	.0	.0	.0	.0	1.0	2	.5	1.0	3.1	.0	.0	94.3	.0	94.3
TOT	1	1	0	0	0	0	0	0	.3	2	2	8	17	0	0	679	0	679
PCT	.1	.1	.0	.0	.0	.0	.0	.0	.3	.3	.3	1.1	2.4	.0	.0	95.9	.0	95.9

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0013 RANGDUM
14.3N 95.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	4.1	10.4	.6	.0	.0	.0	15.1	5.3		23.5	21.7	19.9	12.5	14.8	9.3
NE	2.1	3.6	.3	.0	.0	.0	6.0	5.1		6.6	6.5	10.7	7.0	7.0	4.3
E	.9	1.7	.2	.0	.0	.0	2.7	5.5		4.1	3.5	5.9	2.2	1.6	1.9
SE	.8	1.9	.1	.0	.0	.0	2.8	5.4		2.0	1.2	5.6	5.5	.8	2.4
S	1.2	4.9	.4	.0	.0	.0	6.4	6.1		2.0	2.3	4.1	14.5	10.2	10.1
SW	2.4	10.4	1.0	.1	.0	.0	13.8	6.7		8.2	5.4	4.8	19.4	18.4	20.0
W	4.2	15.8	2.1	.1	.0	.0	22.1	6.5		17.3	20.2	12.8	14.9	12.7	29.1
NW	4.9	15.9	2.2	.0	.0	.0	23.0	6.1		32.1	28.5	25.6	15.4	23.0	18.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	7.8	889	93	2	0	0	7.8	5.6		4.1	10.8	10.5	8.7	11.5	4.7
TOT OBS	392	64.6	6.8	.1	.0	.0	1376	5.6		49	130	257	208	208	232
TOT PCT	28.5						100.0			100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40											00	03	06	09	12
N	11.3	3.6	.1	.0	.0	.0	15.1	5.3		22.2	22.2	16.6	10.4	13.7					
NE	4.5	1.5	*	.0	.0	.0	6.0	5.1		6.6	6.6	9.0	4.9	3.4					
E	1.9	.8	*	.0	.0	.0	2.7	5.5		3.6	3.6	4.2	1.9	1.4					
SE	2.0	.8	*	.0	.0	.0	2.8	5.4		1.4	1.4	5.6	2.0	1.0					
S	4.0	2.4	*	.0	.0	.0	6.4	6.1		2.2	2.2	8.8	10.2	3.2					
SW	7.4	6.3	.1	.0	.0	.0	13.8	6.7		6.1	6.1	11.3	19.7	15.7					
W	13.2	8.6	.3	.0	.0	.0	22.1	6.5		19.4	19.4	13.8	25.7	29.8					
NW	15.1	7.8	.1	.0	.0	.0	23.0	6.1		29.5	29.5	21.0	19.1	25.2					
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0					
CALM	7.8	438	11	0	0	0	7.8	5.6		8.9	8.9	9.7	6.1	6.6					
TOT OBS	927	31.8	.8	.0	.0	.0	1376	5.6		179	179	483	293	439					
TOT PCT	67.4						100.0			100.0	100.0	100.0	100.0	100.0					

AREA 0013 RANGOON 14.3N 95.9E

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL CFS
				11-21	22-33	34-47					
000003	8.9	30.7	54.7	5.6	.0	.0	.0	4.8	100.0	179	
060009	9.7	23.2	64.5	.0	.0	.0	.0	4.8	100.0	465	
120015	6.1	14.7	70.0	8.9	.3	.0	.0	6.3	100.0	293	
180021	6.6	17.8	65.1	10.3	.2	.0	.0	6.2	100.0	439	
TOT	108	284	889	93	2	.0	.0	5.6		1376	
PCT	7.8	20.6	64.6	6.8	.1	.0	.0		100.0		

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL GWS	MEAN CLOUD COVER
N	23.5	2.4	2.4	.0		1.5
NE	7.0	1.2	2.4	.0		2.1
E	2.1	.0	2.4	1.2		4.4
SE	.0	.0	1.2	.0		7.0
S	4.6	.0	.0	.0		1.0
SW	8.5	1.2	.0	.0		.6
W	6.4	1.2	.0	.0		.8
NW	14.9	4.9	1.2	.0		1.6
VAR	.0	.0	.0	.0		.0
CALM	4.9	1.2	2.4	.0		3.7
TOT GWS	59	10	10	3	82	
TOT PCT	72.0	12.2	12.2	3.7	100.0	1.9

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

CROSS SECTION													TOTAL	
000	150	300	600	1000	2000	3500	5000	6500	8000+	NH	<5/8	TOTAL		
149	299	599	999	1999	3499	4999	6499	7999		ANY	HGT	DBS		
.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	27.1			
.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	9.5			
.0	.0	.0	.0	.0	1.2	.0	.0	1.2	.0	.0	3.4			
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2			
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6			
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8			
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6			
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.0			
.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
.0	.0	.0	.0	1.2	1.2	.0	1.2	.0	.0	.0	7.3			
.0	.0	.0	.0	1.2	3.7	1.2	1.2	1.2	.0	.0	91.5	82		
.0	.0	.0	.0	1.2				1.2	.0	.0	100.0	100.0		

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

CEILING (FEET)	OR		OR		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>10	>5	>2	>1	>1/2	>1/4
OR >6500	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
OR >5000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
OR >3500	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
OR >2000	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
OR >1000	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
OR >600	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
OR >300	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
OR >150	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
OR >0	7	7	7	7	7	7	7	7	7	7	7	7	7	7
TOTAL	7	7	7	7	7	7	7	7	7	7	7	7	7	7

TOTAL NUMBER OF OBS: 87

PCT FREQ NH <5/8: 92.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
45.2	24.7	12.9	6.5	3.2	3.2	3.2	2.2	.0	2.2	.0	93

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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AREA 0013 RANGOON
14.34 95.9E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.3
TOT %	.2	.0	.0	.0	.0	.0	.0	.1	.0	.0	.3	.3
1<2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.2	.2	.1	.0	.1	.2	.1	.2	.0	.1	1.3	1.3
TOT %	.2	.2	.1	.0	.1	.2	.1	.2	.0	.1	1.3	1.3
2<5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.6	.6
TOT %	.1	.0	.0	.1	.2	.1	.0	.0	.0	.0	.6	.6
5<10	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.3	.3
NO PCP	2.8	.6	.4	1.2	1.4	3.6	3.7	4.1	.0	1.0	18.8	18.8
TOT %	2.8	.6	.4	1.2	1.5	3.6	3.7	4.1	.0	1.0	19.1	19.1
10+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NO PCP	12.7	5.6	2.1	1.9	5.9	11.9	15.3	19.5	.0	3.8	78.7	78.7
TOT %	12.7	5.6	2.1	1.9	5.9	11.9	15.3	19.5	.0	3.8	78.7	78.7
TOT DBS	16.0	6.4	2.6	3.2	7.8	16.1	19.1	23.9	.0	5.0	100.0	686
TOT PCT	16.0	6.4	2.6	3.2	7.8	16.1	19.1	23.9	.0	5.0	100.0	686

AREA 0013 RANGDON
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MARCH

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
	4-10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3
1<2	0-3	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.5	.5
	4-10	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.4	.4
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.1	.0	.0	.1	.1	.0	.1	.0	.1	.9	.9
2<5	0-3	.0	.0	.0	.0	.2	.0	.1	.0	.0	.2	.6	.6
	4-10	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.5	.5
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.0	.0	.0	.2	.1	.1	.0	.0	.2	1.1	1.1
5<10	0-3	.5	.3	.0	.1	.2	.3	.3	.2	.0	1.2	3.1	3.1
	4-10	1.3	.1	.2	.7	.6	2.1	1.8	2.0	.0	.0	9.0	9.0
	11-21	.2	.0	.0	.0	.2	.4	.3	.6	.0	.0	1.7	1.7
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	2.0	.4	.3	.8	1.1	2.8	2.5	2.8	.0	1.2	13.8	13.8
10+	0-3	3.6	1.8	.9	.5	.7	2.1	2.8	4.7	.0	6.0	23.2	23.2
	4-10	9.4	3.6	1.4	1.4	4.3	9.3	13.2	14.2	.0	.0	56.8	56.8
	11-21	.4	.0	.0	.1	.2	.7	1.0	1.2	.0	.0	3.8	3.8
	22+	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.2
	TOT %	13.3	5.5	2.3	2.1	5.3	12.2	17.1	20.1	.0	6.0	84.0	84.0
TOT OBS													1035
TOT PCT		15.8	6.1	2.7	3.0	6.7	15.3	19.8	23.1	.0	7.5	100.0	

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

MARCH

AREA 0013 RANGDON
14.3N 95.9E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	92.0	25
06009	.0	.0	.0	.0	.0	.0	5.6	.0	.0	.0	5.6	94.4	18
12015	.0	.0	.0	.0	.0	3.8	.0	.0	3.2	.0	7.7	92.3	26
18021	.0	.0	.0	.0	4.2	.0	.0	4.2	.0	.0	8.3	91.7	24
TOT PCT	.0 .0	.0 .0	.0 .0	.0 .0	1.1 3.2	3 1.1	1.1 1.1	1 1.1	1 1.1	.0 0	7 7.5	86 92.5	93 100.0

TABLE 11

PERCENT FREQUENCY YSPV (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	4.2	95.8	24
06009	.0	.0	.0	.0	.0	100.0	16
12015	.0	.0	.0	.0	.0	100.0	26
18021	.0	.0	.0	9.5	23.8	66.7	21
TOT PCT	.0 .0	.0 .0	.0 .0	2 2.3	6 6.9	79 90.8	87 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	<150 CEILING	<500 CEILING	<1000 CEILING	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	.0	91.7	24
06009	.0	.0	.0	.0	93.2	16
12015	.0	.0	.0	.0	92.3	26
18021	.0	.0	9.5	9.5	81.0	21
TOT PCT	.0 .0	.0 .0	2 2.3	7 8.0	78 89.7	87 100.0

MARCH

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS
83/89	.0	.0	.0	2.9	5.7	5.7	1.0	.0	16
80/84	.0	.0	.0	3.8	21.0	31.4	19.0	3.8	83
75/79	.0	.0	.0	.0	.0	4.8	1.0	.0	6
TOTAL	0	0	0	7	28	44	22	4	105
PCT	.0	.0	.0	6.7	26.7	41.9	21.0	3.8	

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
2.1	1.9	.0	1.0	1.4	1.7	2.9	3.8	.0	.0	
14.1	7.9	3.3	4.8	8.8	14.0	6.2	13.1	.0	6.7	
	1.0	.0	.0	.0	1.4	1.0	2.4	.0	.0	
16.9	10.7	3.3	5.7	10.2	17.1	10.0	19.3	.0	6.7	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0003	86	85	85	81	77	75	75	81.1	176
0609	92	90	88	84	79	77	73	83.5	462
1215	90	86	86	82	79	77	73	82.0	294
1821	88	86	84	81	77	75	75	80.9	441
TOT	92	89	86	82	78	75	73	82.0	1373

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0003	.0	4.3	21.7	47.8	17.4	8.7	75	23		
0609	.0	12.5	25.0	62.5	.0	.0	69	24		
1215	.0	6.9	41.4	34.5	17.2	.0	72	29		
1821	.0	2.3	14.0	37.2	41.9	4.7	78	43		
TOT	0	7	29	52	27	4	74	119		

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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APEA 0013 RANGOON
14.3N 95.9E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WD
	76	80	84	88	92	FOG	FOG	FOG
11/13	.0	.0	.0	.1	.0	1	.0	.1
9/10	.0	.0	.3	.3	.0	4	.0	.6
7/8	.0	.0	1.2	.1	.3	11	.0	1.6
6	.0	.0	.1	.0	.0	1	.0	.1
5	.0	.0	.7	.4	.1	9	.0	1.3
4	.0	.3	2.8	2.5	.4	41	.0	6.1
3	.0	.0	.1	.3	.0	3	.0	.4
2	.0	1.0	8.9	2.4	.0	83	.3	12.1
1	.0	.0	2.4	.0	.0	16	.1	2.2
0	.4	3.3	26.9	2.2	.0	221	.3	32.6
-1	.0	2.4	2.4	.6	.0	36	.0	5.4
-2	.4	5.1	15.0	.7	.0	143	.3	21.0
-3	.0	1.5	.9	.1	.0	17	.1	2.4
-4	.7	3.3	5.2	.0	.0	62	.0	9.2
-5	.3	1.6	1.0	.0	.0	20	.0	3.0
-6	.1	.0	.0	.0	.0	1	.0	.1
-7/-8	.3	.0	.0	.0	.0	2	.0	.3
-9/-10	.1	.0	.0	.0	.0	1	.0	.1
TOTAL	17	124	458	67	6	672	8	664
PCT	2.5	18.5	68.2	10.0	.9	100.0	1.2	98.8

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TABLE 18
AREA 0013 RANGDON
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PERIOD: (OVER-ALL) 1963-1970

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	3.4
1-2	.0	19.7	2.6	.0	.0	.0	22.2	3.4	6.8	.0	.0	.0	.0	10.3
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	19.7	2.6	.0	.0	.0	22.2	6.8	6.8	.0	.0	.0	.0	13.7

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	3.4	.0	.0	.0	.0	3.4	.0	3.4	.0	.0	.0	.0	3.4
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.4	.0	.0	.0	.0	3.4	.0	3.4	.0	.0	.0	.0	3.4

PERIOD: (OVER-ALL) 1963-1970

MARCH

TABLE 18

AREA 0013 RANGDON
14.3N 95.9E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.4	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0
1-2	.0	2.6	.0	.0	.0	.0	2.6	.0	4.3	.0	.0	.0	.0	4.3
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	6.0	.0	.0	.0	.0	6.0	.0	4.3	.0	.0	.0	.0	4.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	2.6	.0	.0	.0	.0	2.6	.0	7.7	.0	.0	.0	.0	11.1
1-2	.0	3.4	.0	.0	.0	.0	3.4	.0	4.3	.0	.0	.0	.0	5.1
3-4	.0	.0	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	6.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	6.0	.0	.0	.0	.0	6.0	3.4	18.8	.9	.0	.0	.0	23.1

PERIOD: (OVER-ALL) 1963-1970

MARCH

AREA 0013 RANCOON
14.3N 95.9E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)						TOT DSS
	0-3	4-10	11-21	22-33	34-47	48+	
<1	35.3	14.7	.0	.0	.0	.0	50.0
1-2	2.9	38.2	2.9	.0	.0	.0	44.1
3-4	.0	5.9	.0	.0	.0	.0	5.9
5-6	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0
TOT PCT	38.2	58.8	2.9	.0	.0	.0	100.0
							34

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	7'	96	87+	TOTAL	MEAN HGT	
<6	11.1	46.0	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	41	2
6-7	.0	1.6	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3
8-9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	2
10-11	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	2
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	3
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDEX	27.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
TOTAL	31.24	31	7	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	0
PCT	38.1	49.2	11.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63	1
																						100.0	

APRIL

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

AREA 0013 RANGOUN
14.4N 96.0E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DKZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN GBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	PCPN	SNOW					FGG	SMOKE	DUST	BLWG	SIG	
N	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.4	.0	.0	.0	9.6	
NE	.1	.0	.0	.0	.0	.0	.0	.0	.0	*	.2	.0	.0	.0	3.3	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	2.2	
SE	.2	.1	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	4.5	
S	.2	.2	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	9.0	
SW	.1	.1	.0	.0	.0	.0	.0	.2	.0	.2	.0	.2	.0	.0	21.1	
W	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	24.6	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	19.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	
TOT OBS	5	2	.0	.0	.0	.0	.0	.0	7	.4	.5	.7	.0	.0	595	615
TOT PCT	.8	.3	.0	.0	.0	.0	.0	1.1		.7	.8	.7	.0	.0	96.7	

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN GBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	PCPN	SNOW					FGG	SMOKE	DUST	BLWG	SIG	
00003	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	1.4	2.7	1.4	.0	.0	91.8	
06009	.4	.3	.0	.0	.0	.0	.0	.4	.0	.0	.8	.8	.0	.0	98.0	
12015	.0	.7	.0	.0	.0	.0	.0	.7	.0	1.3	.0	1.3	.0	.0	96.7	
18021	2.0	.0	.0	.0	.0	.0	.0	2.0	.0	.7	.7	.0	.0	.0	96.7	
TOT	5	2	.0	.0	.0	.0	.0	.0	7	.4	.5	.5	.0	.0	602	623
PCT	.8	.3	.0	.0	.0	.0	.0	1.1		.6	.8	.8	.0	.0	96.6	

APRIL

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

AREA 0013 RANGOON
14.4N 96.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47				48+	00	03	06	09	12	15	18
N	2.3	6.1	.3	.0	.0	.0	8.6	5.5	9.9	11.9	13.1	7.5	11.5	5.1	7.1	6.6
NE	1.6	1.9	.2	.1	.0	.0	3.9	5.3	6.3	4.9	7.4	3.6	1.0	2.8	2.3	2.1
E	.7	1.0	.4	.3	.0	.0	2.4	9.1	1.0	3.3	4.4	1.3	1.0	2.3	1.6	2.1
SE	1.3	2.7	.9	.3	.0	.0	5.2	8.3	2.6	6.5	7.2	7.5	2.4	3.3	3.2	4.8
S	1.8	4.8	2.4	.1	.0	.0	9.1	8.0	6.3	6.5	6.5	15.0	12.5	9.7	10.0	5.9
SW	2.8	14.1	4.3	.0	.0	.0	21.3	8.0	6.8	13.6	12.0	26.0	25.0	31.9	24.6	19.9
W	2.0	17.8	4.0	.1	.0	.0	24.7	7.7	30.2	23.4	18.6	19.4	29.8	26.3	31.0	27.4
NW	3.2	14.6	1.6	.0	.0	.0	19.5	6.7	32.8	26.2	23.3	14.0	14.9	16.6	14.3	22.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	5.4	755	170	10	0	0	5.4	7.0	4.2	3.7	7.5	5.2	1.9	2.0	5.9	8.5
TOT OBS	263	63.0	14.2	.8	.0	.0	1198	7.0	48	107	227	193	52	196	187	188
TOT PCT	22.0	5.3	1.2	.1	.0	.0	100.0	7.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	:HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18
N	6.0	2.6	.0	.0	.0	.0	8.6	5.5	11.3	10.5	6.5	6.9	6.9		
NE	2.9	.8	.1	.1	.0	.0	3.9	5.3	5.3	5.7	2.4	2.2	2.2		
E	1.3	.6	.4	.1	.0	.0	2.4	9.1	2.6	3.0	2.0	1.9	1.9		
SE	3.0	1.1	.8	.2	.0	.0	5.2	8.3	5.3	7.3	3.1	4.0	4.0		
S	4.4	3.9	.7	.0	.0	.0	9.1	8.0	6.5	10.4	10.3	7.9	7.9		
SW	8.5	11.7	1.1	.0	.0	.0	21.3	8.0	11.5	18.6	30.4	22.3	22.3		
W	10.9	12.9	.8	.0	.0	.0	24.7	7.7	25.5	19.0	27.0	29.2	29.2		
NW	10.6	8.7	.1	.0	.0	.0	19.5	6.7	28.2	19.0	16.2	18.5	18.5		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	5.4	509	49	4	0	1198	5.4	7.0	3.9	6.4	2.0	7.2	7.2		
TOT OBS	636	509	49	4	0	1198	100.0	7.0	155	420	248	375	375		
TOT PCT	53.1	42.5	4.1	.3	.0	100.0	100.0	7.0	100.0	100.0	100.0	100.0	100.0		

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

APRIL

AREA 0013 RANGDON
14.4N 96.0E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
0003	3.9	25.2	61.3	7.7	1.9	.0	.0	6.3	100.0	155
0609	6.4	19.0	62.6	11.2	.7	.0	.0	6.5	100.0	420
1215	2.0	12.9	65.3	19.8	.0	.0	.0	7.8	100.0	248
1821	7.2	12.5	62.7	16.5	1.1	.0	.0	7.2	100.0	375
TOT	65	198	755	170	10	0	0	7.0		1198
PCT	5.4	16.5	63.0	14.2	.8	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	3.2	5.6	4.8	.0		4.1
NE	.0	2.0	2.4	.0		4.9
E	.0	.0	.0	.0		.0
SE	.8	2.0	.0	.0		3.0
S	4.0	2.4	.0	1.2		2.5
SW	6.9	3.6	3.2	.4		2.7
W	12.9	1.6	2.4	1.6		2.5
NW	10.9	13.3	8.1	.0		3.4
VAR	.0	.0	.0	.0		.0
CALM	3.2	3.2	.0	.0		2.0
TOT OBS	25	21	13	2	62	3.1
TOT PCT	41.9	33.9	21.0	3.2	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

	000	150	300	600	1000	2000	3500	5000	6500	8000+	NH <5/8	ANY HGT	TOTAL OBS
	149	299	599	999	1999	3499	4999	6499	7999				
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7
W	.0	.0	.0	.0	.0	1.2	1.2	.0	.0	.0	.0	.0	16.1
NW	.0	.0	.0	.0	.0	1.2	.4	.0	.0	.0	.0	.0	28.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	0	0	0	0	3	1	0	0	0	0	0	56
TOT PCT	.0	.0	.0	.0	.0	4.8	1.6	.0	.0	.0	1.6	90.3	100.0

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

APRIL

AREA 0013 RANGOON
14.4N 96.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/3) AND VSBY (NH)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
OR >5000	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
OR >3500	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
OR >2000	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
OR >1000	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
OR >600	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
OR >300	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
OR >150	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
OR >0	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
TOTAL	5	6	6	6	6	6	6	6

TOTAL NUMBER OF OBS: 64 PCT FREQ NH <5/81 90.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
20.8	23.6	22.2	15.3	9.7	4.2	1.4	1.4	1.4	1.4	.0	72

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

APRIL

AREA 0013 RANGOON
14.4N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.2	.2
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.2	.2
1<2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.2
PCP	.2	.0	.0	.0	.1	.1	.2	.0	.0	.0	.5	.5
ND PCP	.2	.0	.0	.2	.1	.1	.2	.0	.0	.0	.7	.7
TOT %	.2	.0	.0	.2	.1	.1	.2	.0	.0	.0	.7	.7
2<5	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	.2
PCP	.0	.2	.0	.0	.1	*	.0	.0	.0	.0	.3	.3
ND PCP	.0	.2	.0	.1	.2	*	.0	.0	.0	.0	.5	.5
TOT %	.0	.2	.0	.1	.2	*	.0	.0	.0	.0	.5	.5
5<10	.1	.1	.0	.1	.2	.2	.1	.0	.0	.0	.7	.7
PCP	2.4	.5	.5	.8	2.4	4.1	4.0	3.7	.0	.7	19.0	19.0
ND PCP	2.5	.6	.5	.9	2.5	4.3	4.1	3.7	.0	.7	19.7	19.7
TOT %	2.5	.6	.5	.9	2.5	4.3	4.1	3.7	.0	.7	19.7	19.7
10+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	7.6	2.8	1.8	3.7	6.7	17.2	20.7	16.2	.0	2.3	79.0	79.0
ND PCP	7.6	2.8	1.8	3.7	6.7	17.2	20.7	16.2	.0	2.3	79.0	79.0
TOT %	7.6	2.8	1.8	3.7	6.7	17.2	20.7	16.2	.0	2.3	79.0	79.0
TOT OBS	10.2	3.6	2.3	4.8	9.7	21.6	25.0	19.8	.0	2.9	100.0	615
TOT PCT	10.2	3.6	2.3	4.8	9.7	21.6	25.0	19.8	.0	2.9	100.0	615

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

APRIL

AREA 0013 RANGOON
14.4N 96.0E

TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.8	.3	.4	.1	.3	.2	.7	.7	.0	.5	.5	.4
	4-10	.8	.2	.1	.5	.9	1.8	2.0	1.3	.0	.0	.0	.0
	11-21	.2	.0	.0	.2	.9	1.0	.6	.6	.0	.0	.0	.0
	22+	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0
	TOT %	1.9	.6	.5	.9	2.1	3.0	3.4	2.6	.0	.5	.5	15.4
10+	0-3	1.5	1.3	.4	1.1	1.8	2.9	2.0	2.3	.0	4.8	4.8	18.0
	4-10	4.4	1.2	.9	2.1	3.9	12.4	15.3	12.4	.0	.0	.0	52.7
	11-21	.1	.1	.3	.3	1.6	3.4	3.5	1.2	.0	.0	.0	10.4
	22+	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3
	TOT %	6.0	2.6	1.8	3.7	7.4	18.6	20.8	15.9	.0	4.8	4.8	81.5
TOT OBS													920
TOT PCT		8.0	3.3	2.6	5.4	9.9	22.0	24.6	19.0	.0	5.3	100.0	

APRIL

AREA 0013 RANGDON
14.4N 96.0EPERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966TABLE 11
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	300 599	600 999	600 999	1000 1999	1000 1999	2000 3499	2000 3499	3500 4999	3500 4999	5000 6499	5000 6499	5500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL DBS
00003	.0	.0	.0	.0	.0	.0	.0	20.0	.0	.0	6.7	.0	.0	.0	.0	.0	26.7	73.3	15
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	25
12015	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.3	93.8	16
18021	.0	.0	.0	.0	.0	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	6.3	93.8	16
TOT PCT	0 .0	0 .0	0 .0	0 .0	0 .0	0 .0	3 4.2	3 4.2	1 1.4	1 1.4	1 1.4	0 .0	0 .0	0 .0	0 .0	1 1.4	8.3	91.7	72 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL DBS
00003	.0	.0	.0	6.7	13.3	80.0	15
06009	.0	.0	.0	.0	4.5	95.5	22
12015	.0	.0	.0	.0	.0	100.0	15
18021	.0	.0	.0	.0	.0	100.0	12
TOT PCT	0 .0	0 .0	0 .0	1 1.6	3 4.7	60 93.8	64 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET) NH >4/8, BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL DBS
00003	.0	.0	6.7	26.7	66.7	15
06009	.0	.0	.0	.0	100.0	22
12015	.0	.0	.0	6.7	93.3	15
18021	.0	.0	.0	8.3	91.7	12
TOT PCT	0 .0	0 .0	1 1.6	6 9.4	57 89.1	64 100.0

APRIL

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1859-1966

AREA 0013 RANGOON
14.4N 96.0E

TABLE 13

		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL	
TEMP F		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			OBS	
90/94	.0	.0	.0	.0	.0	2.6	1.3	.0	.0			3	
85/89	.0	.0	.0	.0	.0	1.3	20.5	6.4	2.6			24	
80/84	.0	.0	.0	.0	.0	5.1	23.1	30.8	6.4			51	
TOTAL	0	0	0	0	0	7	35	29	7			78	
PCT	.0	.0	.0	.0	.0	9.0	44.9	37.2	9.0				

TABLE 14

		PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										TOTAL	
TEMP F		N	NE	E	SE	S	SW	W	NW	VAR	CALM	OBS	
90/94	2.6	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	3	
85/89	6.4	3.2	.0	.0	1.3	4.8	5.1	2.2	6.4	.0	.0	24	
80/84	6.7	1.9	1.3	1.3	1.3	8.7	15.1	15.4	13.8	.0	.0	51	
TOTAL	15.7	5.1	1.3	2.6	2.6	13.5	20.2	17.6	21.5	.0	.0	78	
PCT													

TABLE 15

		MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL	
HOUR (GMT)		MAX	99%	95%	50%	5%	1%	MIN	MEAN			OBS	
00003	88	87	86	83	79	77	77	75	83.0			154	
06009	93	91	90	85	81	77	77	77	85.1			412	
12015	93	90	88	84	81	79	79	76	83.8			245	
18021	88	86	85	82	79	77	77	75	82.5			369	
TOT	93	90	88	84	80	77	77	75	83.7			1180	

TABLE 16

		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL	
HOUR (GMT)		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN		OBS	
00003	.0	.0	.0	.0	.0	.0	40.0	46.7	12.3	81		15	
06009	.0	.0	.0	.0	17.9	71.4	10.7	.0	.0	75		28	
12015	.0	.0	.0	.0	12.5	31.3	37.5	18.8	.0	80		16	
18021	.0	.0	.0	.0	.0	29.2	62.5	8.3	.0	83		24	
TOT	0	0	0	0	7	38	31	7	79	83		83	

PERIOD: (PRIMARY) 1921-1966
(...ER-LL) 1859-1966

APRIL

AREA 0013 RANGOON
14.4N 96.0E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA THP DIF	73	77	81	85	89	>92	TOT	N FOG	NO FOG
11/13	.0	.0	.0	.0	.2	.0	1	.0	.2
9/10	.0	.0	.0	.5	.2	.0	4	.0	.7
7/8	.0	.0	.3	.5	.0	.2	6	.0	1.0
6	.0	.0	.0	.0	.2	.0	1	.0	.2
5	.0	.0	.3	1.5	.0	.2	12	.0	2.0
4	.0	.0	1.5	3.6	1.4	.0	38	.0	6.5
3	.0	.0	.0	.2	.0	.0	1	.0	.2
2	.0	.2	6.0	6.5	1.4	.0	82	.0	13.9
1	.0	.0	1.4	.3	.0	.0	10	.0	1.7
0	.0	.5	19.0	10.7	.3	.0	180	.3	30.3
-1	.0	.5	2.6	1.2	.0	.0	25	.0	4.3
-2	.0	1.0	19.4	4.4	.0	.0	146	.5	24.3
-3	.0	.3	.9	.0	.0	.0	7	.0	1.2
-4	.0	.5	7.5	.5	.0	.0	50	.0	8.5
-5	.0	.3	2.0	.0	.0	.0	14	.0	2.4
-7/-8	.2	1.0	.3	.0	.0	.0	9	.0	1.5
-9/-10	.0	.3	.0	.0	.0	.0	2	.0	.3
TOTAL	1	28	360	176	21	2	588	5	583
PCT	.2	4.8	61.2	29.9	3.6	.3	100.0	.9	99.1

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N					NE					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	12.9	.0	.0	.0	.0	12.9	.0	1.2	.0	.0	.0	.0	1.2	
1-2	.0	4.7	.0	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT. PCT	.0	17.6	.0	.0	.0	.0	17.6	.0	1.2	.0	.0	.0	.0	1.2	

HGT	E					SE					PCT	
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33		34-47
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

APRIL
TABLE 18

PERIOD: (OVER-ALL) 1963-1966

AREA 0013 RANGDON
14.4N 96.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	1.2
1-2	.0	3.5	.0	.0	.0	.0	3.5	.0	5.9	.0	.0	.0	.0	5.9
3-4	.0	.0	.0	.0	.0	.0	.0	.0	4.7	.0	.0	.0	.0	4.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.5	.0	.0	.0	.0	3.5	.0	7.1	4.7	.0	.0	.0	11.8

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.5	.0	.0	.0	.0	3.5	4.7	.0	.0	.0	.0	.0	4.7
1-2	.0	8.2	.0	.0	.0	.0	8.2	.0	24.7	.0	.0	.0	.0	24.7
3-4	.0	9.4	.0	.0	.0	.0	9.4	.0	.0	4.7	.0	.0	.0	4.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	21.2	.0	.0	.0	.0	21.2	4.7	24.7	4.7	.0	.0	.0	34.1

PERIOD: (OVER-ALL) 1963-1966

APRIL

AREA 0013 RANGDON
14.4N 96.0E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT MS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	25.0	16.7	.0	.0	.0	.0	41.7	
1-2	.0	41.7	.0	.0	.0	.0	41.7	
3-4	.0	8.3	8.3	.0	.0	.0	16.7	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	25.0	66.7	8.3	.0	.0	.0	100.0	
							24	

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	26.9	28.8	19.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39	2
6-7	.0	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3
8-9	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDEX	13.5	1.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	1
TOTAL	21	16	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	2
PCT	40.4	30.8	26.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	100.0

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1965

MAY

AREA 0013 RANGOON
14.4N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN	PCPN					FOG WD PCPN	SMOKE HAZE	DUST BLWG SNOW	NO SIG WEA	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	3.5
E	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.5
SE	.4	.1	.1	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	1.7
S	2.1	.8	.2	.0	.0	.0	.0	.0	3.0	.0	.1	.0	.0	.0	.0	6.9
SW	1.6	.9	.1	.0	.0	.0	.0	.0	2.5	.0	.5	.0	.0	.0	.0	18.6
W	1.2	.0	.1	.0	.0	.0	.0	.0	1.2	.0	.4	.1	.0	.0	.0	30.0
NW	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.1	.0	.0	.0	16.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	9.4
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	43	15	4	.0	.0	.0	.0	.0	.0	60	.1	.1	.0	.0	.0	2.0
TOT PCT	5.7	2.0	.5	.0	.0	.0	.0	.0	8.0	.0	1.5	.3	.0	.0	.0	67.9
																90.7

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN	PCPN					FOG WD PCPN	SMOKE HAZE	DUST BLWG SNOW	NO SIG WEA	
00003	6.6	1.9	.0	.0	.0	.0	.0	.0	8.5	.0	1.9	.0	.0	.0	.0	89.6
06009	5.9	3.1	.3	.0	.0	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	90.9
12015	4.1	1.0	.5	.0	.0	.0	.0	.0	5.2	.0	.0	.5	.0	.0	.0	93.3
18021	7.0	1.2	1.2	.0	.0	.0	.0	.0	9.3	.0	4.1	.6	.0	.0	.0	87.8
TOT	44	15	4	.0	.0	.0	.0	.0	61	.0	12	.2	.0	.0	.0	687
PCT	5.8	2.0	.5	.0	.0	.0	.0	.0	8.0	.0	1.6	.3	.0	.0	.0	90.6

MAY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1969AREA 0013 RANGOON
14.4N 96.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21				
N	1.4	1.7	.3	.0	.0	.0	.0	2.1	5.8	5.2	2.3	2.8	2.2	2.4	4.3						
NE	.9	1.1	.1	.0	.0	.0	.0	2.7	1.5	5.2	1.0	.0	1.2	1.9	2.3						
E	.7	.9	*	.0	.0	.0	.0	2.7	2.4	3.0	1.8	.0	.7	1.1	1.4						
SE	1.1	3.0	1.6	.1	.0	.0	.0	7.5	2.9	9.8	4.0	11.0	5.1	3.2	4.0						
S	2.3	10.6	6.8	1.1	*	.0	.0	24.0	19.4	18.6	30.3	19.1	21.6	19.3	14.1						
SW	2.3	17.5	13.1	1.2	.1	.0	.0	27.1	25.5	24.8	36.3	41.3	42.0	44.1	30.6						
W	2.1	11.6	4.9	.6	.0	.0	.0	25.7	25.0	17.7	15.8	19.9	18.3	14.5	24.9						
NW	1.8	5.6	1.9	*	.0	.0	.0	10.3	11.7	10.7	8.3	4.8	6.4	7.0	15.0						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CALM	3.4	367	367	36	2	0	1277	.0	5.8	4.8	.5	1.1	2.5	6.5	3.4						
TOT OBS	203	567	28.7	3.0	.2	.0		73	103	248	200	89	204	185	175						
TOT PCT	15.9	52.2				.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+				00 03	06 09	12 15	18 21			
N	3.0	.5	.0	.0	.0	.0	3.4	4.6	4.3	3.9	2.4	3.3			
NE	1.6	.5	.0	.0	.0	.0	2.1	4.9	1.1	3.3	.9	2.1			
E	1.2	.5	.0	.0	.0	.0	1.7	5.0	2.6	2.5	.5	1.3			
SE	2.8	2.3	.7	.0	.0	.0	5.8	8.3	4.8	7.2	6.9	3.6			
S	6.3	10.9	3.2	.4	.0	.0	20.8	10.2	21.3	23.8	20.8	16.8			
SW	9.0	19.8	5.3	.2	.0	.0	34.3	10.5	26.1	29.9	41.8	37.5			
W	7.7	9.5	1.8	.2	.0	.0	19.2	8.9	25.3	16.9	18.8	19.5			
NW	4.9	3.9	.5	.0	.0	.0	9.3	7.5	11.1	9.6	5.9	10.9			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	3.4	611	148	9	0	1277	3.4	.0	3.4	2.9	2.0	5.0			
TOT OBS	509	47.8	11.6	.7	.0			8.9	.76	448	293	360			
TOT PCT	39.9						100.0		100.0	100.0	100.0	100.0			

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PERIOD: (PRIMARY) 1923-1969
(OVERALL) 1861-1969

MAY

AREA 0013 RANGCUN
14.4N 96.0E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (%)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+				
0603	3.4	14.2	54.0	25.0	3.4	.0	.0	.0	8.6	100.0	176
0609	2.9	14.3	51.8	27.7	3.3	.0	.0	.0	8.8	100.0	448
12015	2.0	10.9	52.6	31.4	3.1	.0	.0	.0	9.5	100.0	293
18021	5.0	10.8	51.7	29.7	2.2	.6	.0	.0	8.8	100.0	360
TOT	4.3	16.0	66.7	36.7	3.8	2	0	0	8.9		1277
PCT	3.4	12.5	52.2	28.7	3.0	.2	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	OBSC.	TOTAL OBS	MEAN CLOUD COVER	
							000	149
N	1.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	1.0	.0	.0	.0	.0	.0
SE	.0	.0	2.5	.7	.0	.0	.0	.0
S	2.0	7.1	11.0	4.4	.0	.0	.0	.0
SW	.2	11.3	19.1	10.0	.0	.0	.0	.0
W	2.5	8.8	7.1	3.4	.0	.0	.0	.0
NW	1.2	1.0	.5	1.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.0	.0	2.0	1.0	.0	.0	.0	.0
TOT OBS	7.8	28.4	43.1	20.6	102	100.0	.0	.0
TOT PCT							.0	.0

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH > 478)
AND OCCURRENCE OF NH < 578 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3500	5000	6500	8000+	NH < 578	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1969

MAY

AREA 0013 RANGDON
14.4N 96.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)				OR				OR
	>10	>5	>2	>1	>10	>5	>2	>1	
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	2.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
OR >2000	8.7	6.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
OR >1000	14.4	15.4	18.3	18.3	18.3	18.3	18.3	18.3	18.3
OR >600	22.1	25.0	27.9	27.9	27.9	27.9	27.9	27.9	27.9
OR >300	23.1	26.0	30.8	30.8	30.8	30.8	30.8	30.8	30.8
OR >150	23.1	26.0	30.8	30.8	30.8	30.8	30.8	30.8	30.8
OR >0	23.1	26.0	30.8	30.8	30.8	30.8	30.8	30.8	30.8
TOTAL	24	27	32	32	32	32	32	32	32

TOTAL NUMBER OF OBS: 104

PCT FREQ NH <5/8: 69.2

TABLE 7A

PERCENTAGE FREQ OF LGW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
	3.6	17.6	12.1	17.6	13.3	11.5	6.7	10.9	6.7	.0	165

MAY

PERIOD: (PRIMARY) 1923-1969
(DYER-ALL) 1861-1969AREA 0013 RANGOON
14.4N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.3	
<1/2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
ND PCP	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.4	
TOT %	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.3	
1/2<1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	
ND PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	
TOT %	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.4	
1<2	.0	.0	.0	.0	.2	.5	.1	.0	.0	.0	.8	
ND PCP	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.3	
TOT %	.0	.0	.0	.0	.2	.6	.1	.0	.0	.0	1.1	
2<5	.0	.1	.0	.3	1.0	.7	.2	.1	.0	.0	2.3	
ND PCP	.0	.1	.1	.0	.5	.8	.3	.0	.0	.0	1.7	
TOT %	.0	.2	.1	.3	1.5	1.5	.4	.1	.0	.0	4.0	
5<10	.0	.0	.0	.2	1.2	.7	.7	.1	.0	.0	2.8	
ND PCP	.3	.4	.3	1.5	4.7	8.9	4.5	2.1	.0	.1	22.8	
TOT %	.3	.4	.3	1.7	5.9	9.5	5.1	2.3	.0	.1	25.6	
10+	.0	.1	.2	.1	.6	.5	.1	.0	.0	.0	1.6	
ND PCP	3.1	1.3	1.3	5.5	13.8	20.4	12.2	7.4	.0	1.9	66.9	
TOT %	3.1	1.4	1.5	5.6	14.3	20.9	12.3	7.4	.0	1.9	68.5	
TOT OBS	749											
TOT PCT	3.5	2.0	1.9	7.7	22.1	32.7	18.3	9.7	.0	2.1	100.0	

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1969

MAY

AREA 0013 RANGDON
14.4N 96.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.3
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
	11-21	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2
	22+	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.4
	TOT %	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.7
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3
	4-10	.0	.0	.0	.0	.1	.4	.0	.0	.0	.0	.7
	11-21	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	TOT %	.1	.0	.0	.0	.2	.6	.2	.0	.0	.2	1.5
2<5	0-3	.1	.0	.0	.1	.0	.1	.0	.0	.0	.2	.5
	4-10	.0	.1	.0	.0	.4	.5	.5	.0	.0	.0	1.7
	11-21	.0	.0	.0	.0	.6	.7	.0	.0	.0	.0	1.5
	22+	.0	.0	.0	.0	.2	.4	.1	.0	.0	.0	.6
	TOT %	.1	.1	.0	.2	1.2	1.7	.7	.1	.0	.2	4.4
5<10	0-3	.2	.1	.1	.2	.1	.3	.2	.4	.0	.1	1.8
	4-10	.2	.3	.1	.7	2.0	3.4	2.0	1.0	.0	.0	9.8
	11-21	.0	.0	.0	.5	2.2	4.6	1.4	.2	.0	.0	9.0
	22+	.0	.0	.0	.0	.4	.2	.4	.0	.0	.0	1.1
	TOT %	.5	.4	.2	1.5	4.7	8.5	4.0	1.7	.0	.1	21.6
10+	0-3	1.2	1.0	.8	.9	1.7	1.3	1.5	1.2	.0	2.6	12.3
	4-10	1.7	.5	.6	2.2	8.1	13.4	8.8	4.8	.0	.0	40.2
	11-21	.2	.0	.0	1.0	4.0	7.3	4.1	1.6	.0	.0	18.3
	22+	.0	.0	.0	.0	.2	.6	.1	.0	.0	.0	1.0
	TOT %	3.1	1.5	1.5	4.2	14.0	22.7	14.6	7.7	.0	2.6	71.8
TOT OBS		3.8	2.1	1.8	6.0	20.3	33.7	19.6	9.6	.0	3.2	102.0

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PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1969

MAY

AREA 0013 RANGOODN
14.4N 96.0E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	12.5	10.0	5.0	.0	.0	.0	.0	27.5	72.5	40
06009	.0	.0	5.9	5.9	5.9	5.9	.0	.0	.0	.0	23.5	76.5	34
12015	.0	.0	2.6	7.9	7.9	2.6	.0	.0	.0	.0	23.7	76.3	38
18021	.0	.0	.0	.0	3.8	7.7	3.8	.0	.0	.0	15.4	84.6	26
TOT PCT	0 .0	0 .0	3 2.2	10 7.2	10 7.2	7 5.1	2 1.4	0 .0	0 .0	0 .0	32 23.2	106 76.8	138 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	3.1	6.3	90.6	32
06009	.0	.0	.0	8.7	4.3	87.0	23
12015	.0	.0	.0	9.1	3.0	87.9	33
18021	.0	.0	.0	12.5	6.3	81.3	16
TOT PCT	0 .0	0 .0	0 .0	8 7.7	5 4.8	91 87.5	104 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH >4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	.0	18.8	15.6	65.6	32
06009	.0	8.7	21.7	13.0	65.2	23
12015	.0	3.0	18.2	12.1	69.7	33
18021	.0	.0	12.5	25.0	62.5	16
TOT PCT	0 .0	3 2.9	19 13.3	16 15.4	69 66.3	104 100.0

MAY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1969

AREA 0013 RANGOON
14.4N 96.0E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.8	.0	.0	.0			1	.8
85/89	.0	.0	.0	.0	.0	19.4	2.3				56	43.4
80/84	.0	.0	.0	.0	.0	34.9	13.2				69	53.5
75/79	.0	.0	.0	.0	.0	.0	2.3				3	2.3
TOTAL	.0	.0	.0	.0	.0	34	70	23			129	100.0
PCT	.0	.0	.0	.0	1.6	26.4	54.3	17.8				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0
.0	.0	.0	3.1	11.0	17.2	9.7	.8	.0	.0	.0
2.3	.0	.8	2.5	15.3	21.7	6.6	4.3	.0	.0	.0
.0	.0	.0	.0	.0	.8	1.6	.0	.0	.0	.0
2.3	.0	.8	6.4	26.4	39.7	17.8	5.0	.0	.0	1.6

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00003	90	88	87	83	78	75	75	83.2	169	
06009	91	90	90	84	79	77	76	84.5	429	
12015	91	90	88	84	80	78	75	83.8	292	
18021	88	86	86	83	80	79	78	83.0	355	
TOT	91	90	88	84	79	77	75	83.7	1245	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
00003	.0	.0	.0	20.0	54.3	25.7	85	35		
06009	.0	.0	5.9	38.2	47.1	8.8	80	34		
12015	.0	.0	.0	32.3	58.1	9.7	81	31		
18021	.0	.0	.0	15.2	60.6	24.2	85	33		
TOT	0	0	2	35	73	23	83	133		

MAY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1861-1969AREA 0013 RANGOON
14.4N 96.0E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WD
	76	80	84	88	92		FOG	FOG
9/10	.0	.0	.0	.0	.3	2	.0	.3
7/8	.0	.0	.0	.1	.4	4	.0	.6
6	.0	.0	.1	.1	.0	2	.0	.3
5	.0	.1	.1	1.6	.7	18	.0	2.7
4	.0	.0	1.9	2.8	.3	34	.0	5.1
3	.0	.0	.1	.1	.0	2	.0	.3
2	.0	.0	.0	5.8	1.2	87	.0	13.0
1	.0	.0	.0	1.3	.0	9	.0	1.3
0	.0	.3	15.9	10.0	.7	180	.1	26.8
-1	.0	.0	2.5	2.7	.0	35	.0	5.2
-2	.0	.3	18.0	2.8	.0	141	.0	21.1
-3	.0	.1	1.8	.3	.0	15	.0	2.2
-4	.1	.6	11.5	1.3	.0	91	.1	13.5
-5	.0	.7	3.6	.0	.0	29	.0	4.3
-7/-8	.1	1.3	.4	.0	.0	13	.0	1.9
-9/-10	.1	.4	.0	.0	.0	4	.0	.6
-11/-13	.0	.1	.0	.0	.0	1	.0	.1
TOTAL	3	28	415	196	25	667	2	665
PCT	.4	4.2	62.2	29.4	3.7	100.0	.3	99.7

PERIOD: (CVER-ALL) 1963-1969 MAY AREA 0013 RANGDON 14.4N 96.0E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N					NE					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

HGT	F					SE					PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT		
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
1-2	.0	.0	.0	.0	.0	.0	.0	3.8	3.1	.0	.0	.0	6.9		
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	.0	.0	.8		
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8		
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
TOT PCT	.0	.0	.0	.0	.0	.0	.0	3.8	3.8	.8	.0	.0	8.4		

PERIOD: (OVER-ALL) 1963-1969 MAY
 TABLE 18 AREA 0013 RANGDON 14.4N 96.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	2.3	.0	.0	.0	.0	2.3	.0	.8	.0	.0	.0	.0	.8
1-2	.0	11.5	2.3	.0	.0	.0	13.7	3.1	6.1	3.8	.0	.0	.0	13.0
3-4	.0	.0	.0	2.3	.0	.0	2.3	.0	3.1	3.1	.0	.0	.0	6.1
5-6	.0	.0	8.4	.0	.0	.0	8.4	.0	3.1	9.2	6.1	.0	.0	18.3
7	.0	.0	2.3	.0	.0	.0	2.3	.0	.0	.8	.0	.0	.0	.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	3.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	13.7	13.0	2.3	.0	.0	29.0	3.1	13.0	16.8	9.2	.0	.0	42.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.1	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	3.1	5.3	.0	.0	.0	8.4	.0	.0	.8	.0	.0	.0	.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	6.1	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	6.1	11.5	.0	.0	.0	17.6	.0	.0	.8	.0	.0	.0	.8

PERIOD: (OVER-ALL) 1963-1969

MAY

AREA 0013 RANGDON
14.4N 96.0E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	3.0	6.1	.0	.0	.0	.0	9.1	33
1-2	3.0	21.2	9.1	.0	.0	.0	33.3	
3-4	.0	6.1	9.1	3.0	.0	.0	18.2	
5-6	.0	3.0	18.2	6.1	.0	.0	27.3	
7	.0	.0	9.1	.0	.0	.0	9.1	
8-9	.0	.0	.0	3.0	.0	.0	3.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	6.1	36.4	45.5	12.1	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1969

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)															TOTAL	MEAN HGT
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48		
<6	2.4	19.0	19.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35
6-7	.0	2.4	8.3	11.9	2.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22
8-9	.0	1.2	1.2	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
10-11	.0	1.2	.0	.0	2.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
12-13	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
>13	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
INDET	11.9	3.6	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
TOTAL	12	23	12	12	10	2	0	0	0	0	0	0	0	0	0	0	14
PCT	14.3	27.4	29.8	14.3	11.9	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	84
																	100.0

JUNE

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1858-1966

AREA 0013 RANGOON
14.3N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN PCPN				PCPN	FOG	SMOKE	DUST	NO BLWG	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
S	1.3	.6	.6	.0	.0	.0	.0	.1	2.6	.5	.0	.0	.0	.0	.0	14.2
SW	7.2	2.3	1.5	.0	.0	.0	.0	.1	11.0	.9	.0	.0	.0	.0	.0	48.6
W	2.9	.6	.2	.0	.0	.0	.0	.0	3.7	.2	.0	.0	.0	.0	.0	11.7
NW	.5	.1	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	1.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
TOT OBS	68	21	13	.0	.0	.0	.0	.0	103	1.7	.0	.0	.0	.0	.0	464
TOT PCT	11.9	3.7	2.3	.0	.0	.0	.0	.2	18.0	1.7	.0	.0	.0	.0	.0	81.0

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (CAT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN PCPN				PCPN	FOG	SMOKE	DUST	NO BLWG	
00003	14.9	8.1	1.4	.0	.0	.0	.0	.0	24.3	.0	.0	.0	.0	.0	.0	75.7
06009	10.2	1.3	2.2	.0	.0	.0	.0	.0	14.2	.4	.0	.0	.0	.0	.0	85.8
12015	9.7	2.8	1.4	.0	.0	.0	.0	.0	13.9	.7	.0	.0	.0	.0	.0	85.4
18021	14.6	7.3	3.6	.0	.0	.0	.0	.0	25.5	6.6	.0	.0	.0	.0	.0	70.1
TOT	58	23	13	.0	.0	.0	.0	.0	105	11	.0	.0	.0	.0	.0	468
PCT	11.7	4.0	2.2	.0	.0	.0	.0	.2	18.1	1.9	.0	.0	.0	.0	.0	80.7

JUNE

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1858-1966

AREA 0013 RANGCOON
14.3N 96.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	.2	.1	.2	.0	.0	.0	.0	.5	9.4		.0	2.5	1.4	.0	.0
NE	*	.1	.2	.0	.0	.0	.0	.4	8.6		.0	.6	.7	.5	.0
E	.1	.2	.0	.0	.0	.0	.0	.3	4.0		1.9	1.3	.2	.3	.0
SE	.2	1.7	.5	.1	.0	.0	.0	2.5	9.2		1.4	3.8	2.0	4.0	.0
S	.5	8.7	7.8	.7	.0	.0	.0	17.8	11.4		18.5	13.8	22.9	20.0	13.4
SW	1.1	22.2	28.3	6.8	.4	.0	.0	58.8	13.4		61.5	56.3	52.6	56.2	60.8
W	.4	7.6	7.8	1.2	.3	.0	.0	17.2	12.4		13.4	20.0	17.3	18.3	16.7
NW	.2	1.0	.6	.1	.0	.0	.0	2.0	10.5		1.4	1.9	2.4	.8	5.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0
CALM	.5	462	501	99	7	0	1106	.5	12.6		1.9	.0	.5	.0	1.9
TOT OBS	37	41.8	45.3	9.0	.6	.0		100.0			54	80	211	189	54
TOT PCT	3.3	41.8	45.3	9.0	.6	.0		100.0			100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT		MEAN SPD	00 03	HOUR (GMT)				
	0-6	7-16	17-27	28-40	FREQ			FREQ	06 09			12 15	18 21			
N	.2	*	.2	.0	.0	.0	.0	.5	9.4	1.5	.8	.0	.0	.0		
NE	.2	.2	.0	.0	.0	.0	.0	.4	8.6	.4	.6	.0	.0	.0		
E	.3	.0	.0	.0	.0	.0	.0	.3	4.0	1.5	.3	.0	.0	.0		
SE	.9	1.2	.4	.0	.0	.0	.0	2.5	9.2	2.8	2.9	2.5	2.5	1.8		
S	3.3	10.9	3.4	.2	.0	.0	.0	17.8	11.4	15.7	21.5	17.3	21.5	14.5		
SW	7.5	31.4	18.8	1.1	.0	.0	.0	58.8	13.4	58.4	54.3	61.1	62.7	62.7		
W	2.5	10.5	4.0	.3	.0	.0	.0	17.2	12.4	17.4	17.8	16.5	17.2	17.2		
NW	.7	.9	.4	*	.0	.0	.0	2.0	10.5	1.7	1.6	2.1	2.5	2.5		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.5	610	300	19	0	1106	.5	12.6	.0	.7	.3	.4	.4	1.0		
TOT OBS	177	55.2	27.1	1.7	.0		100.0			134	400	258	314	100.0		
TOT PCT	16.0	55.2	27.1	1.7	.0		100.0			100.0	100.0	100.0	100.0	100.0		

JUNE

AREA 0013 RANGDON
14.3N 96.0EPERIOD: (PRIMARY) 1922-1969
(OVER-ALL) 1858-1966

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+				
00003	.7	3.0	43.3	41.8	11.2	.0	.0	.0	12.5	100.0	134
06009	.3	2.5	40.8	45.8	10.0	.8	.0	.0	12.9	100.0	400
12015	.4	2.7	45.7	45.0	6.2	.0	.0	.0	12.0	100.0	258
18021	1.0	3.2	39.2	46.5	8.9	1.3	.0	.0	12.7	100.0	314
TOT	6	31	462	501	99	7	0	0	12.6	100.0	1106
PCT	.5	2.8	41.8	45.3	9.0	.6	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	1.2	.0	.0	7.0
NE	.0	1.2	.0	.0	.0	3.0
E	.0	.0	.0	.0	.0	.0
SE	.0	.6	.0	.0	.0	4.0
S	.0	8.6	11.1	6.2	32.7	5.9
SW	1.2	6.8	18.5	.0	26.5	6.8
W	.0	.0	.0	6.8	.0	8.0
NW	1.2	.0	.0	1.2	.0	5.0
VAR	.0	.0	.0	.0	.0	.0
CALM	1.2	.0	1.2	.0	.0	3.5
TOT OBS	3	14	26	38	81	6.4
TOT PCT	3.7	17.3	32.1	46.9	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3500	5000	6500	8000+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
S	.0	.0	.0	.0	.0	.0	.0	.0	7.4	1.2	2.8	.0	.0	.0	.0	.0	14.5
SW	.0	.0	.0	.0	.0	.0	1.2	20.4	7.4	4.6	.0	.0	.0	.0	.0	.0	25.6
W	.0	.0	.0	.0	.0	.0	2.5	4.3	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38
TOT PCT	.0	.0	.0	.0	.0	.0	3.7	33.3	8.6	7.4	.0	.0	.0	.0	.0	.0	46.9
																	100.0

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1858-1966

JUNE

AREA 0013 RANGDON
14.3N 56.0E

TABLE 7

CUMULATIVE PCT. FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	0	0	0	0	0	0	0	0
OR >5000	0	0	0	0	0	0	0	0
OR >3500	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
OR >2000	12.3	13.6	16.0	16.0	16.0	16.0	16.0	16.0
OR >1000	33.3	44.4	49.4	49.4	49.4	49.4	49.4	49.4
OR >600	33.3	44.4	50.6	53.1	53.1	53.1	53.1	53.1
OR >300	33.3	44.4	50.6	53.1	53.1	53.1	53.1	53.1
OR >150	33.3	44.4	50.6	53.1	53.1	53.1	53.1	53.1
OR >0	33.3	44.4	50.6	53.1	53.1	53.1	53.1	53.1
TOTAL	27	36	41	43	43	43	43	43

TOTAL NUMBER OF OBS: 81 PCT FREQ NH <5/8: 46.9

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	TOTAL OBS
2.3	3.8	15.2	18.9	18.9	3.8	15.9	6.8	14.4	.0	132

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1858-1966

JUNE

AREA 0013 RANGOON
14.3N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.3	.5	.2	.0	.0	1.0	
NO PCP	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.3	.5	.2	.0	.0	1.0	
PCP	.0	.0	.0	.0	.1	1.0	.7	.2	.0	.0	1.9	
NO PCP	.0	.0	.0	.0	.1	1.0	.3	.0	.0	.0	1.4	
TOT %	.0	.0	.0	.0	.2	2.0	1.0	.2	.0	.0	3.3	
PCP	.0	.0	.0	.0	.7	2.4	.5	.0	.0	.0	3.7	
NO PCP	.0	.0	.0	.3	.3	2.3	.9	.2	.0	.0	3.6	
TOT %	.0	.0	.0	.3	1.0	4.6	1.5	.2	.0	.0	7.3	
PCP	.0	.0	.0	.1	.8	6.4	1.0	.1	.0	.0	8.4	
NO PCP	.0	.0	.3	1.2	4.6	20.1	3.1	.4	.0	.2	29.8	
TOT %	.0	.0	.3	1.3	5.4	26.4	4.1	.5	.0	.2	38.2	
PCP	.0	.0	.0	.0	1.0	1.0	.8	.2	.0	.0	3.0	
NO PCP	.3	.4	.3	1.2	9.7	25.6	7.5	1.1	.0	.7	46.9	
TOT %	.3	.4	.3	1.2	10.8	26.6	8.3	1.3	.0	.7	49.9	
TOT OBS	.3	.4	.5	2.8	17.3	60.0	15.4	2.3	.0	.9	100	573
TOT PCT	.3	.4	.5	2.8	17.3	60.0	15.4	2.3	.0	.9	100	0

JUNE

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1858-1966

AREA 0013 RANGOON
14.3N 96.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS		.4	.3	.3	2.7	17.9	58.5	16.8	2.3	.0	.7	100.0	863
TOT PCT													

JUNE

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1858-1966

AREA 0013 RANGDON
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TABLE 1

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 145	000 145	150 299	300 599	300 599	600 999	600 999	1000 1999	1000 1999	2000 3499	2000 3499	3500 4999	3500 4999	5000 6499	5000 6499	6500 7999	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	.0	2.6	23.7	7.9	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	39.5	60.5	38
06009	.0	.0	.0	.0	.0	.0	10.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	86.2	29
12015	.0	.0	.0	.0	.0	6.9	34.5	3.4	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	48.3	51.7	29
18021	.0	.0	.0	.0	.0	.0	20.0	12.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	60.0	25
TOT PCT	0 .0	0 .0	0 .0	0 .0	0 .0	3 2.5	27 22.3	7 5.8	5 5.0	0 .0	0 .0	0 .0	0 .0	0 .0	0 .0	0 .0	0 .0	0 .0	43 35.5	78 64.5	121 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	3.7	3.7	22.2	70.4	27
06009	.0	.0	.0	.0	11.8	88.2	17
12015	.0	.0	5.0	10.0	5.0	80.0	20
18021	.0	.0	.0	17.5	23.5	58.8	17
TOT PCT	0 .0	0 .0	2 2.5	6 7.4	13 16.0	60 74.1	81 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 < 50 YD	< 500 < 1	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	7.4	48.1	44.4
06009	.0	.0	.0	.0	23.5	76.5
12015	.0	.0	.0	15.0	60.0	25.0
18021	.0	.0	.0	17.6	41.2	41.2
TOT PCT	0 .0	0 .0	0 .0	8 9.9	36 44.4	81 100.0

JUNE

PERIOD: (PRIMARY) 1922-1966
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	1.1	5.3	2.1	.0	8	8.5
80/84	.0	.0	.0	.0	.0	7.4	64.9	9.6	77	81.9
75/79	.0	.0	.0	.0	.0	.0	.0	9.6	9	9.8
TOTAL	.0	.0	.0	.0	1	12	63	18	92	100.0
PCT	.0	.0	.0	.0	1.1	12.8	67.0	19.1		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	.0	.0	.0	.0	1.9	4.5	1.9	.3	.0	.0
80/84	.0	.0	1.6	1.6	20.2	50.3	8.2	.0	.0	.0
75/79	.0	.0	.0	.0	.0	6.4	2.1	1.1	.0	.0
TOTAL	.0	.0	1.6	1.6	22.1	61.2	12.2	1.3	.0	.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	90%	5%	1%	MIN	MEAN	TOTAL OBS
00003	89	86	85	82	77	75	72	81.8	129
06009	90	86	85	82	78	76	72	82.4	383
12015	86	85	85	82	78	75	72	81.7	251
18021	86	85	84	82	78	75	72	81.4	298
TOT	90	87	86	82	78	75	72	81.9	1061

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.0	.0	.0	16.0	64.0	20.0	84	25
06009	.0	.0	.0	3.7	18.5	59.3	18.5	84	27
12015	.0	.0	.0	.0	17.5	70.6	11.8	83	17
18021	.0	.0	.0	.0	3.8	73.1	23.1	88	26
TOT	.0	.0	.0	1	13	63	18	85	95

PERIOD: (PRIMARY) 1922-1966
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14.3N 96.0E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	TOT	W	WD
	72	76	80	84	88	92		FOG	FOG
11/13	.0	.0	.0	.0	.6	.2	.0	.0	.8
9/10	.0	.0	.0	.0	.8	.0	.0	.0	.8
7/8	.0	.0	.0	.0	.4	.0	.0	.0	.4
5	.0	.0	.2	.8	.2	.2	.2	.0	1.4
4	.0	.0	.4	2.8	1.2	.0	.22	.0	4.3
3	.0	.0	.0	.2	.2	.0	.2	.0	.4
2	.0	.0	.0	.6	9.1	2.6	.63	.0	12.4
1	.0	.0	.2	2.8	1.4	.0	.22	.0	4.3
0	.0	.2	1.0	26.0	1.8	.0	147	.0	29.0
-1	.0	.0	.6	3.9	.0	.0	.23	.0	4.5
-2	.0	.0	3.7	21.1	.4	.0	128	.0	25.2
-3	.0	.0	.2	1.4	.0	.0	.8	.0	1.6
-4	.2	.4	5.7	4.3	.0	.0	54	.0	10.7
-5	.4	.0	2.0	.6	.0	.0	15	.0	3.0
-6	.0	.0	.2	.0	.0	.0	1	.0	.2
-7/-8	.0	.4	.4	.0	.0	.0	4	.0	.8
-11/-13	.0	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	3	6	77	379	40	2	507	0	507
PCT	.6	1.2	15.2	74.8	7.9	.4	100.0		100.0

PERIOD: (OVER-ALL) 1963-1966 JUNE AREA 0013 RANGOON 14.3N 96.0E

TABLE 18 PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1966

JUNE

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

AREA 0013 RANGDON
14.3N 96.0E

HGT	S										SW				PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+		
<1	.0	2.7	.0	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	
1-2	4.1	4.1	10.8	.0	.0	.0	18.9	1.4	14.9	2.7	.0	.0	.0	18.9	
3-4	.0	2.0	.0	.0	.0	.0	2.0	.0	8.8	8.1	.0	.0	.0	16.9	
5-6	.0	8.1	.0	.0	.0	.0	8.1	.0	8.1	6.1	.0	.0	.0	14.2	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0	.0	.0	3.4	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	4.1	16.9	10.8	.0	.0	.0	31.8	1.4	31.8	20.3	.0	.0	.0	53.4	

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	2.0	.0	.0	.0	.0	.0	2.0	.7	.0	.0	.0	.0	.0	.7
3-4	.0	.0	2.7	.0	.0	.0	2.7	.0	.0	2.7	.0	.0	.0	2.7
5-6	.0	.0	4.7	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.0	.0	9.5	.0	.0	.0	11.5	.7	.0	2.7	.0	.0	.0	3.4

PERIOD: (OVER-ALL) 1963-1966 JUNE AREA 0013 RANGDON 14.3N 96.0E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)											
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT OBS			
<1	.0	2.7	.0	.0	.0	.0	2.7				
1-2	8.1	18.9	13.5	.0	.0	.0	40.5				
3-4	.0	10.8	13.5	.0	.0	.0	24.3				
5-6	.0	16.2	10.8	.0	.0	.0	27.0				
7	.0	.0	5.4	.0	.0	.0	5.4				
8-9	.0	.0	.0	.0	.0	.0	.0				
10-11	.0	.0	.0	.0	.0	.0	.0				
12	.0	.0	.0	.0	.0	.0	.0				
13-16	.0	.0	.0	.0	.0	.0	.0				
17-19	.0	.0	.0	.0	.0	.0	.0				
20-22	.0	.0	.0	.0	.0	.0	.0				
23-25	.0	.0	.0	.0	.0	.0	.0				
26-32	.0	.0	.0	.0	.0	.0	.0				
33-40	.0	.0	.0	.0	.0	.0	.0				
41-68	.0	.0	.0	.0	.0	.0	.0				
49-60	.0	.0	.0	.0	.0	.0	.0				
61-70	.0	.0	.0	.0	.0	.0	.0				
71-86	.0	.0	.0	.0	.0	.0	.0				
87+	.0	.0	.0	.0	.0	.0	.0				
TOT PCT	8.1	48.6	43.2	.0	.0	.0	100.0	37			

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	.0	15.2	15.2	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26	3
6-7	.0	2.5	6.3	8.9	8.9	2.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	5
8-9	.0	.0	.0	5.1	6.3	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	7
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	4
12-13	.0	.0	2.5	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDEX	6.3	3.8	1.3	1.3	2.5	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	3
TOTAL	5	17	20	14	15	7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	79	4
PCT	6.3	21.5	25.3	17.7	19.0	8.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JULY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969AREA C013 RANGDON
14.4N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG PCPN	SMOKE HAZE	DUST BLWG	DUST BLWG	NO SIG WEA	
N	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.7	
NE	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	
E	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.8	
SE	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.6	
S	1.3	.5	.6	.0	.0	.0	.0	2.4	.0	.1	.0	.0	.0	.0	12.1	
SW	6.4	5.3	1.2	.0	.0	.0	.0	12.9	.0	.4	.0	.0	.0	.0	45.8	
W	4.1	1.2	.6	.0	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	14.3	
NW	.6	.1	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	1.3	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	77	42	14	.0	.0	.0	.0	.2	133	3	.0	.0	.0	.0	454	589
TOT PCT	13.1	7.1	2.4	.0	.0	.0	.0	22.6	.5	.0	.0	.0	.0	.0	77.1	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG PCPN	SMOKE HAZE	DUST BLWG	DUST BLWG	NO SIG WEA	
00003	17.1	7.3	6.1	.0	.0	.0	.0	30.5	.0	.0	.0	.0	.0	.0	69.5	
06009	13.6	2.3	1.4	.0	.0	.0	.0	17.3	.0	.0	.0	.0	.0	.0	82.7	
12015	9.0	6.3	1.4	.0	.0	.0	.0	16.7	.0	.0	.0	.0	.0	.0	83.3	
18021	15.4	14.1	2.6	.0	.0	.0	.0	32.1	1.9	1.9	.0	.0	.0	.0	66.7	
TOT	80	42	14	.0	.0	.0	.0	22.8	136	3	.0	.0	.0	.0	458	596
PCT	13.4	7.0	2.3	.0	.0	.0	.0	22.8	.5	.0	.0	.0	.0	.0	76.8	

JULY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

AREA 0013 RANCOON
14.4N 96.0E

TABLE 3
PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					15	18	21
	0-3	4-10	11-21	22-33	34-47	09	12	15	18	21												
N	.1	.4	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.5	.0	.0	.0	1.0	1.2					
NE	.3	.2	.0	.0	.0	.0	.0	.0	3.9	.0	.0	1.0	.0	.0	.0	.0	.0					
E	.0	.9	.1	.0	.0	.0	.0	1.0	6.4	2.9	1.2	.5	.0	1.5	.0	1.4	.3					
SE	.1	2.2	.1	.1	.0	.0	.0	2.4	7.6	3.3	4.1	.5	.0	.0	.8	1.2	2.2					
S	.8	8.9	4.4	.3	.0	.0	.0	14.4	9.5	15.4	11.8	15.6	.9	.8	2.1	2.9	2.2					
SW	1.2	22.2	30.1	5.4	.0	.0	.0	59.0	13.0	16.5	18.2	18.3	17.4	20.4	12.2	13.2	12.4					
W	.5	6.6	10.3	2.3	.0	.0	.0	19.7	13.5	58.1	61.8	58.7	58.2	60.8	60.3	58.2	57.5					
NW	.1	.7	.5	.2	.0	.0	.0	1.6	11.0	2.2	1.8	2.2	2.7	14.6	23.5	18.5	20.7					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0					
CALM	.8	467	506	92	1	0	1111	.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0					
TOT OBS	45	42.0	45.5	8.3	.1	.0	1111	100.0	12.2	58	85	205	167	65	187	173	161					
TOT PCT	4.1	42.0	45.5	8.3	.1	.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0					

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00 03	06 09	12 15	18 21				
N	.3	.2	.0	.0	.0	.0	.5	5.4	.7	.3	.0	.0	.0	.0	1.1	.0
NE	.4	.1	.0	.0	.0	.0	.5	3.9	.0	.8	.4	.0	.0	.0	.4	.0
E	.7	.3	.0	.0	.0	.0	1.0	6.4	2.0	.3	.6	.0	.0	.0	1.6	.0
SE	1.2	1.2	.1	.0	.0	.0	2.4	7.6	3.8	2.2	1.8	2.5	.0	.0	2.5	.0
S	4.0	9.3	1.2	.0	.0	.0	14.4	9.5	13.4	16.4	14.3	12.8	.0	.0	12.8	.0
SW	7.7	34.2	16.1	1.0	.0	.0	59.0	13.0	60.1	58.5	60.4	58.1	.0	.0	58.1	.0
W	2.2	11.0	6.1	.5	.0	.0	19.7	13.5	17.5	19.8	21.2	19.5	.0	.0	19.5	.0
NW	.5	.9	.3	.0	.0	.0	1.6	11.0	2.0	1.5	.5	2.4	.0	.0	2.4	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.8	634	264	16	0	1111	.8	12.2	153	372	252	334	.0	.0	1.5	.0
TOT OBS	197	57.1	25.8	1.4	.0	1111	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	17.7	57.1	25.8	1.4	.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

JULY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

AREA 0013 RANGOON
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
00003	.7	5.2	49.7	39.2	5.2	.0		.0	11.2	100.0	153
06009	.3	3.2	40.6	46.8	9.1	.0		.0	12.4	100.0	372
12015	.8	2.8	35.3	51.6	9.5	.0		.0	12.8	100.0	252
18021	1.5	2.7	45.2	42.5	7.8	.3		.0	11.9	100.0	334
TOT	9	36	467	506	92	1		0	12.2		1111
PCT	.8	3.2	42.0	45.5	8.3	.1		.0	100.0		

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8	OBSCD	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	.8	.0	.0	5.0	5.0
NE	.0	.0	1.3	.0	.0	5.8	7.0
E	.0	.0	1.0	.0	.0	7.0	3.0
SE	.0	.3	.0	.0	.0	6.4	6.9
S	1.5	2.3	5.2	9.6	.0	7.4	2.3
SW	4.6	3.6	11.1	38.7	.0	8.0	6.7
W	.0	.0	6.2	9.8	.0	8.0	6.7
NW	2.1	.0	.3	.5	.0	8.0	6.7
VAR	.0	.0	.0	.0	.0	8.0	6.7
CALM	.0	.0	.0	1.0	.0	8.0	6.7
TOT OBS	8	6	25	58	97	100.0	
TOT PCT	8.2	6.2	25.8	59.8	100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3499	3500	4999	5000	6499	6500	8900+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1923-1969
(COVER-ALL) 1855-1969

JULY

AREA 0013 RANGCOON
14.4N 96.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	.0	.0	.0	.0	.0	.0	.0	.0
OR >2000	5.1	7.1	9.2	9.2	9.2	9.2	9.2	9.2
OR >1000	19.4	25.5	31.6	31.6	31.6	31.6	31.6	31.6
OR >600	24.5	35.7	44.9	44.9	45.9	45.9	45.9	45.9
OR >300	24.5	35.7	45.9	45.9	46.9	46.9	46.9	46.9
OR >150	24.5	35.7	45.9	45.9	46.9	46.9	46.9	46.9
OR >0	24.5	35.7	45.9	45.9	46.9	46.9	46.9	46.9
TOTAL	24	35	45	45	46	46	46	46

TOTAL NUMBER OF OBS: 98 PCT FREQ NH <5/8: 53.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
1.9	13.1	14.0	15.9	15.9	8.4	6.5	3.7	9.3	27.1	.0	107

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

JULY

AREA 0013 RANGOON
14.4N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.3	
PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	1.3	.4	.0	.0	.0	1.7	
ND PCP	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	1.3	.6	.0	.0	.0	1.9	
PCP	.1	.0	.0	.0	.7	1.7	2.3	.2	.0	.2	5.1	
ND PCP	.2	.0	.0	.0	.4	.3	.3	.2	.0	.2	1.5	
TOT %	.3	.0	.0	.0	1.1	2.0	2.6	.3	.0	.3	6.6	
PCP	.1	.1	.2	.2	1.1	7.0	2.5	.5	.0	.0	11.5	
ND PCP	.4	.3	.2	.5	4.8	20.9	5.3	.1	.0	.0	32.4	
TOT %	.5	.3	.3	.7	5.8	27.9	7.8	.6	.0	.0	44.0	
PCP	.0	.0	.0	.0	.7	2.7	.6	.0	.0	.0	3.9	
ND PCP	.1	*	.7	1.1	7.0	24.7	8.4	1.1	.0	.0	43.1	
TOT %	.1	*	.7	1.1	7.7	27.4	8.9	1.1	.0	.0	47.0	
TOT OBS	.9	.4	1.0	1.7	14.6	58.9	20.2	2.0	.0	.3	100.0	589
TOT PCT												

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

JULY

AREA 0013 RANGOON
14.4N 96.0E

TABLE 0
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.2	.2	.0	.1	.3	.5	.1	.0	.0	.0	.0	.0
	4-10	.2	.2	.2	.4	2.1	4.4	1.9	.1	.0	.0	.0	.0
	11-21	.0	.0	.0	*	1.9	13.1	4.4	.3	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.2	2.6	1.0	.2	.0	.0	.0	.0
	TOT %	.3	.3	.2	.6	4.5	22.4	7.5	.6	.0	.0	.0	.0
10+	0-3	.0	.0	.0	.0	.5	.9	.4	.2	.0	.0	.0	.0
	4-10	.1	*	.6	1.2	5.9	14.8	4.5	.6	.0	.0	.0	.0
	11-21	.0	.0	.1	.1	2.0	14.1	4.7	.2	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	1.5	.9	.0	.0	.0	.0	.0
	TOT %	.1	*	.8	1.3	8.4	31.3	10.6	.9	.0	.0	.0	.0
	TOT OBS	.6	.4	1.0	1.8	14.2	58.8	21.2	1.8	.0	.0	.0	.0
	TOT PCT	.6	.4	1.0	1.8	14.2	58.8	21.2	1.8	.0	.0	.0	.0
													927

JULY

PERIOD (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

AREA 0013 RANGDON
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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	400 799	500 649	600 799	700 899	800 999	900 1000	1000 1199	1100 1299	1200 1399	1300 1499	1400 1599	1500 1699	1600 1799	1700 1899	1800 1999	1900 2099	2000 2199	2100 2299	2200 2399	TOTAL OBS
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
12015	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
18021	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	.0	.0	32
06009	.0	.0	.0	.0	.0	.0	16
12015	.0	.0	.0	.0	.0	.0	26
18021	.0	.0	.0	.0	.0	.0	24
TOT PCT	.0	.0	.0	.0	.0	.0	98 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	<150 <5000	<600 <1000	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	.0	.0	32
06009	.0	.0	.0	.0	.0	16
12015	.0	.0	.0	.0	.0	26
18021	.0	.0	.0	.0	.0	24
TOT PCT	.0	.0	.0	.0	.0	98 100.0

JULY

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

AREA 0013 RANGOON
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ	N	NE	E	SE	S	SW	W	NW	VAR	CALY
85/89	.0	.0	.0	.0	.0	.7	3.0	1.5	.0	7	5.2	.6	.2	.7	.0	.9	2.8	.0	.0	.0
80/84	.0	.0	.0	.0	.0	.0	9.0	39.6	23.1	96	71.6	.4	1.1	.0	.6	11.6	47.2	8.8	2.1	.0
75/79	.0	.0	.0	.0	.0	.0	.0	5.2	17.9	31	23.1	.4	.4	.0	.0	2.1	11.0	7.8	1.5	.0
TOTAL	.0	.0	.0	.0	.0	1	16	62	55	134	100.0	1.3	1.7	.7	.6	14.6	61.0	16.6	3.5	.0
PCT	.0	.0	.0	.0	.0	.7	11.9	46.3	41.0											

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0000	86	85	83	81	77	75	72	80.6	153
0600	91	89	86	82	77	75	72	81.9	371
1200	88	86	85	81	78	75	72	81.3	252
1800	88	86	83	81	77	74	73	80.4	336
TOT	91	87	85	81	77	75	72	81.1	1112

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0000	.0	.0	.0	.0	.0	13.8	34.5	51.7	97	29
0600	.0	.0	.0	.0	.0	25.0	60.0	15.0	85	20
1200	.0	.0	.0	.0	.0	8.6	60.0	31.4	86	35
1800	.0	.0	.0	1.9	7.4	42.6	48.1	88	88	54
TOT	0	0	0	1	16	66	55	87	87	138

PERIOD: (PRIMARY) 1923-1969
(OVER-ALL) 1855-1969

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	92	TOT	W FOG	MO FOG
7/8	.0	.0	.0	.2	.2	.0	.0	2	.0	.4
6	.0	.0	.0	.0	.0	.2	.0	1	.0	.2
5	.0	.0	.0	.4	.4	.4	.4	6	.0	1.1
4	.0	.0	.2	3.2	1.4	.0	.0	27	.0	4.8
3	.0	.0	.0	.5	.2	.0	.0	4	.0	.7
2	.0	.0	.7	11.7	.9	.0	.0	75	.0	13.3
1	.0	.0	.5	1.8	.0	.0	.0	13	.0	2.3
0	.0	.0	2.5	27.1	.7	.0	.0	171	.0	30.3
-1	.0	.0	1.2	4.6	.2	.0	.0	34	.0	6.0
-2	.0	.2	8.3	14.9	.0	.0	.0	132	.0	23.4
-3	.0	.2	3.7	.7	.2	.0	.0	27	.0	4.8
-4	.0	.5	7.1	1.2	.0	.0	.0	50	.0	8.8
-5	.0	.7	1.9	.0	.0	.0	.0	15	.0	2.7
-6	.0	.4	.0	.2	.0	.0	.0	3	.0	.5
-7/-8	.2	.2	.2	.0	.0	.0	.0	3	.0	.5
-9/-10	.2	.0	.2	.0	.0	.0	.0	2	.0	.4
TOTAL	2	12	150	375	23	3	.5	565	0	565
PCT	.4	2.1	26.5	63.4	4.1	.5		100.0		100.0

PERIOD: (OVER-ALL) 1962-1969

JULY

TABLE 18

AREA 0013 RANGDON 14.4N 96.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
38-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1969

JULY

AREA 0013 RANGOODN
14.4N 96.0E

TABLE 16

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.8	1.8	.0	.0	.0	3.5	.0	.6	.6	.0	.0	.0	1.2
1-2	.0	2.3	.0	.0	.0	.0	2.3	.0	11.7	2.3	.0	.0	.0	14.0
3-4	.0	1.8	.0	.0	.0	.0	1.8	.0	3.5	12.3	.0	.0	.0	15.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.6	15.2	2.9	.0	.0	18.7
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5	7.0	.0	.0	17.5
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	5.8	1.8	.0	.0	.0	7.6	.0	15.4	40.9	9.9	.0	.0	67.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.8	.0	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0
3-4	.0	1.8	1.8	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0
5-6	.0	1.8	5.8	1.8	.0	.0	9.4	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	3.5	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	.0	.0	2.3
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	5.3	11.1	1.8	.0	.0	18.1	.0	2.9	.0	.0	.0	.0	2.9

JULY

PERIOD: (OVER-ALL) 1963-1969

AREA 0013 RANGDON
14.44 96.0E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TDT DBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	2.3	4.7	2.3	.0	.0	.0	9.3	
1-2	.0	15.3	2.3	.0	.0	.0	18.6	
3-4	.0	7.0	14.0	.0	.0	.0	20.9	
5-6	.0	2.3	20.9	4.7	.0	.0	27.9	
7	.0	.0	14.0	7.0	.0	.0	20.9	
8-9	.0	2.3	.0	.0	.0	.0	2.3	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	2.3	32.6	53.5	11.6	.0	.0	100.0	
							43	

PERIOD: (OVER-ALL) 1949-1969

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	.0	9.4	20.0	8.2	2.4	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36	4
6-7	.0	1.2	8.2	14.1	14.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32	5
8-9	.0	.0	.0	2.4	2.4	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	6
10-11	.0	.0	.0	.0	5.9	5.9	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	7
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDEX	1.2	3.5	.0	1.2	1.2	1.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	4
TOTAL	1	12	24	22	22	22	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	85	5
PCT	1.2	14.1	28.2	25.9	25.9	25.9	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) .858-1967

AUGUST

AREA 0013 RANGOODN 14.5N 95.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG NO	SMOKE HAZE	DUST BLWG	DUST SNOW	NO WEA	
N	.0	.4	1	.0	.0	.0	.0	.5		.0	.0	.0	.0	.0	.6	
NE	.2	.1	.0	.0	.0	.0	.0	.3		.2	.0	.0	.0	.0	.3	
E	.2	.0	.0	.0	.0	.0	.0	.2		.0	.0	.0	.0	.0	1.0	
SE	.5	.4	.2	.0	.0	.0	.0	1.1		.0	.0	.0	.0	.0	3.6	
S	1.6	.2	.4	.0	.0	.0	.0	2.3		.0	.1	.2	.0	.0	13.8	
SW	9.2	4.4	2.2	.0	.0	.0	.0	15.8		.2	.1	.0	.0	.0	34.1	
W	4.4	.5	1.0	.0	.0	.0	.0	9.0		.0	.0	.0	.0	.0	16.1	
NW	.6	.4	.2	.0	.0	.0	.0	1.1		.0	.0	.0	.0	.0	2.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.7	
TOT OBS	94	36	23	0	0	0	0	27.2	153	2	1	1	0	0	406	562
TOT PCT	16.7	6.4	4.1	.0	.0	.0	.0			.4	.2	.2	.0	.0	72.2	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG NO	SMOKE HAZE	DUST BLWG	DUST SNOW	NO WEA	
00003	33.3	7.4	1.9	.0	.0	.0	.0	42.6		.0	.0	.0	.0	.0	57.4	
06009	17.3	5.8	3.6	.0	.0	.0	.0	26.7		.0	.4	.4	.0	.0	72.4	
12015	10.4	5.2	3.2	.0	.0	.0	.0	18.8		.0	.0	.0	.0	.0	81.2	
18021	16.4	9.3	6.4	.0	.0	.0	.0	32.1	157	1.4	.0	.0	.0	.0	67.1	
TOT	96	38	23	0	0	0	0	27.4		2	1	1	0	0	413	573
PCT	16.8	6.5	4.0	.0	.0	.0	.0			.3	.2	.2	.0	.0	72.1	

AUGUST

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967AREA 0013 RANGDON
14.5N 95.9E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER FRZN PCPN					PCPN	FOG	SMOKE	DUST	NO	
N	.0	.4	.1	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.6	
NE	.2	.1	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.3	
E	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	
SE	.5	.4	.2	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	3.6	
S	1.6	.2	.4	.0	.0	.0	.0	.0	2.3	.0	.1	.2	.0	.0	13.8	
SW	9.2	4.4	2.2	.0	.0	.0	.0	.0	15.8	.2	.1	.0	.0	.0	34.1	
W	4.4	.5	1.6	.0	.0	.0	.0	.0	6.0	.0	.0	.0	.0	.0	16.1	
NW	.6	.4	.2	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	2.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	
TOT OBS	54	36	23	0	0	0	0	0	153	2	1	1	1	0	406	562
TOT PCT	16.7	6.4	4.1	.0	.0	.0	.0	.0	27.2	.4	.2	.2	.2	.0	72.2	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER FRZN PCPN					PCPN	FOG	SMOKE	DUST	SIG	
0003	33.3	7.4	1.9	.0	.0	.0	.0	.0	42.6	.0	.0	.0	.0	.0	57.4	
0609	17.3	5.8	3.6	.0	.0	.0	.0	.0	26.7	.0	.4	.4	.0	.0	72.4	
12015	10.4	5.2	3.2	.0	.0	.0	.0	.0	18.8	.0	.0	.0	.0	.0	81.2	
18021	16.4	9.3	6.4	.0	.0	.0	.0	.0	32.1	1.4	.0	.0	.0	.0	67.1	
TOT	96	38	23	0	0	0	0	0	157	2	1	1	1	0	413	573
PCT	16.8	6.6	4.0	.0	.0	.0	.0	.0	27.4	.3	.2	.2	.2	.0	72.1	

AUGUST

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967AREA 0013 RANGOUN
14.5N 95.9E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+				00	03	06	09	12	15	18	21
N	.2	.4	.1	.0	.0	.0	.0	.7	7.5	.0	1.1	1.2	1.0	.0	.0	.0	1.2
NE	.4	.2	.0	.0	.0	.0	.0	.6	3.6	.0	.0	1.2	.0	.0	.0	1.9	.6
E	.2	1.0	.1	.0	.0	.0	.0	1.3	6.4	.0	1.7	1.7	.3	1.9	2.1	1.6	.6
SE	1.0	1.5	.3	.0	.0	.0	.0	2.8	5.6	.0	4.4	1.9	3.1	1.9	4.0	.9	3.8
S	1.5	8.3	4.5	.3	.0	.0	.0	14.6	9.3	14.6	15.0	19.5	16.6	10.8	13.7	9.8	12.8
SW	2.6	24.6	23.4	2.9	.2	.0	.0	53.7	11.4	56.9	57.2	51.5	53.6	53.3	52.6	57.8	52.9
W	1.0	11.1	8.4	1.2	.0	.0	.0	21.8	10.8	24.3	17.2	19.8	23.1	29.2	21.3	22.5	22.1
NW	.4	1.8	.6	.0	.0	.0	.0	2.8	8.0	4.2	2.2	2.4	2.3	.9	3.8	2.5	3.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.8	552	422	50	2	0	1128	1.8	10.4	.0	1.1	.9	1.0	1.9	2.4	3.1	2.3
TOT OBS	102	48.9	37.4	4.4	.2	.0		100.0		36	90	212	193	53	211	151	172
TOT PCT	9.0	48.9	37.4	4.4	.2	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+				00 03	06 09	12 15	18 21			
N	.4	.2	.1	.0	.0	.0	.7	7.5	.8	.8	1.1	.0	.0	.6	
NE	.5	.0	.0	.0	.0	.0	.6	3.6	.0	.0	.6	.0	.0	1.2	
E	.8	.5	.0	.0	.0	.0	1.3	6.4	1.2	1.2	1.0	2.1	1.1	1.1	
SE	2.0	.7	.1	.0	.0	.0	2.8	5.6	3.2	3.2	2.5	3.6	2.4	2.4	
S	4.5	8.8	1.2	.1	.0	.0	14.6	9.3	14.9	18.1	18.1	13.2	11.3	11.3	
SW	9.8	33.6	9.6	.6	.0	.0	53.7	11.4	57.1	52.0	52.0	52.7	55.3	55.3	
W	5.3	12.9	3.4	.2	.0	.0	21.8	10.8	19.2	21.4	22.9	22.9	22.3	22.3	
NW	1.3	1.4	.2	.0	.0	.0	2.8	8.0	2.8	2.3	3.2	3.2	3.2	3.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	1.8	655	164	10	0	1128	1.8	10.4	.8	.8	1.0	2.3	2.7	2.7	
TOT OBS	298	56.2	14.5	.9	.0				126	405	264	264	333	333	
TOT PCT	26.4	56.2	14.5	.9	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967

AUGUST

AREA 0013 RANGDON
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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	WIND SPEED (KNOTS)					48+	MEAN	PCT FREQ
		1-3	4-10	11-21	22-33	34-47			
0000	.8	3.2	47.6	42.9	5.6	.0	.0	11.1	100.0
0600	1.0	5.9	48.4	40.0	4.4	.2	.0	10.7	100.0
1200	2.3	8.0	50.4	35.6	3.4	.4	.0	10.0	100.0
1800	2.7	9.9	48.9	33.6	4.8	.0	.0	10.0	100.0
TOT	20	82	552	422	50	2	0	10.4	100.0
PCT	1.8	7.3	48.9	37.4	4.4	.2	.0		

TOTAL OBS 126
405
264
333
1128

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <3/8 BY WIND DIRECTION

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION										PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8) AND OCCURRENCE OF NH <3/8 BY WIND DIRECTION									
	0-2	3-4	5-7	8-10	11-15	16-20	21-25	26-30	31-35	36-40	000	150	300	600	1000	2000	3500	5000	6500	8000+
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	1.5	3.0	16.4	32.1	11.9	7.1	7.3	7.5	7.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	1	4	25	37	67	67	67	67	67	67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.5	6.0	37.3	55.2	100.0	100.0	100.0	100.0	100.0	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	1.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9
OR >5000	1.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9
OR >3500	2.9	5.9	7.4	7.4	7.4	7.4	7.4	7.4
OR >2000	11.8	22.1	25.0	25.0	25.0	25.0	25.0	25.0
OR >1000	20.6	38.2	42.6	42.6	42.6	42.6	42.6	42.6
OR >600	29.4	48.5	54.4	54.4	54.4	54.4	54.4	54.4
OR >300	29.4	48.5	54.4	54.4	54.4	54.4	54.4	54.4
OR >150	30.9	50.0	55.9	55.9	55.9	55.9	55.9	55.9
OR >0	30.9	50.0	55.9	55.9	55.9	55.9	55.9	55.9
TOTAL	21	34	38	38	38	38	38	38

TOTAL NUMBER OF OBS: 68 PCT FREQ NH <5/8: 44.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
1-2	6.0	16.7	11.9	13.1	13.1	3.6	14.3	13.1	20.2	.0	84

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967

AUGUST

AREA 0013 RANGOON
14.5N 95.9E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VISBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.1	.6	.2	.0	.0	.0	.9	
ND PCP	.0	.0	.0	.0	.0	.3	.1	.0	.0	.0	.4	
TOT %	.0	.0	.0	.0	.1	.9	.3	.0	.0	.0	1.2	
PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
PCP	.0	.0	.0	.2	.2	1.2	.8	.0	.0	.0	2.3	
ND PCP	.0	.0	.0	.0	.4	.4	.1	.0	.0	.0	.9	
TOT %	.0	.0	.0	.2	.6	1.5	.9	.0	.0	.0	3.2	
PCP	.2	.0	.2	.2	1.0	3.7	1.3	.4	.0	.0	6.9	
ND PCP	.0	.0	.0	.0	.5	1.6	.3	.1	.0	.2	2.7	
TOT %	.2	.0	.2	.2	1.5	5.3	1.6	.5	.0	.2	9.6	
PCP	.1	.0	.0	.5	.4	8.5	3.1	.6	.0	.0	13.2	
ND PCP	.3	.4	.1	1.5	4.6	12.8	6.3	.6	.0	.0	26.5	
TOT %	.4	.4	.1	2.0	5.0	21.2	9.4	1.2	.0	.0	39.7	
PCP	.3	.3	.0	.2	.6	1.7	.6	.1	.0	.0	3.7	
ND PCP	.4	.4	.9	2.0	8.3	19.2	9.3	1.4	.0	.5	42.3	
TOT %	.6	.4	.9	2.2	9.1	20.9	10.0	1.5	.0	.5	46.1	
TOT OBS	1.2	.7	1.2	4.6	16.3	50.0	22.1	3.2	.0	.7	100.0	562
TOT PCT												

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967

AUGUST

AREA 0013 RANGDON
14.5N 95.9E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

WSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.1	.7	.2	.0	.0	.0	.9	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.1	.7	.2	.0	.0	.0	.9	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0
	11-21	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	.0
1<2	0-3	.0	.0	.0	.2	.1	.3	.0	.0	.0	.0	.0	.6
	4-10	.0	.0	.1	.0	.5	.5	.5	.0	.0	.0	1.6	.0
	11-21	.0	.0	.0	.0	.1	.6	.2	.0	.0	.0	.8	.0
	22+	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.0
	TOT %	.0	.0	.1	.2	.6	1.5	.8	.0	.0	.0	3.2	.0
2<5	0-3	.0	.0	.0	.1	.3	1.0	.3	.0	.0	.2	2.0	.0
	4-10	.1	.0	.2	.0	.3	2.4	.8	.1	.0	.0	3.9	.0
	11-21	.0	.0	.0	.1	.6	3.1	.8	.2	.0	.0	4.8	.0
	22+	.0	.0	.0	.0	.1	.9	.2	.1	.0	.0	1.2	.0
	TOT %	.1	.0	.2	.1	1.3	7.4	2.1	.3	.0	.2	11.8	.0
5<10	0-3	.1	.2	.0	.2	.2	.2	.2	.2	.0	.0	1.3	.0
	4-10	.1	.0	.1	1.0	2.0	6.6	2.7	.3	.0	.0	12.6	.0
	11-21	.1	.0	.0	.1	1.7	8.6	3.3	.5	.0	.0	14.3	.0
	22+	.0	.0	.0	.0	.1	.8	.6	.0	.0	.0	1.5	.0
	TOT %	.2	.2	.1	1.3	4.0	16.1	6.8	1.0	.0	.0	29.7	.0
10+	0-3	.1	.0	.3	.8	1.3	1.6	.3	.2	.0	1.4	5.9	.0
	4-10	.2	.2	.4	.6	5.6	13.4	7.6	1.3	.0	.0	29.5	.0
	11-21	.1	.0	.1	.2	1.9	10.9	4.2	.1	.0	.0	17.5	.0
	22+	.0	.0	.0	.0	.1	.8	.3	.0	.0	.0	1.2	.0
	TOT %	.5	.2	.8	1.6	8.9	26.7	12.4	1.6	.0	1.4	54.1	.0
TOT OBS		.6	.5	1.2	3.2	14.8	52.6	22.3	2.9	.0	1.6	100.0	862
TOT PCT													

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967

AUGUST

AREA C013 RANGDON
14.5N 95.9E

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	11.8	23.5	11.8	.0	.0	.0	.0	47.1	52.9	17
06009	.0	.0	.0	4.3	26.1	26.1	.0	.0	.0	.0	56.5	43.5	23
12015	.0	4.8	.0	9.5	4.8	9.5	9.5	.0	.0	4.8	42.9	57.1	21
18021	.0	.0	.0	16.7	5.6	11.1	5.6	.0	.0	5.6	44.4	55.6	18
TOT PCT	0 .0	1 1.3	0 .0	8 10.1	12 15.2	12 15.2	3 3.8	0 .0	0 .0	2 2.5	38 48.1	41 51.9	79 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	6.7	40.0	53.3	15
06009	.0	.0	.0	10.0	20.0	70.0	20
12015	.0	.0	.0	4.8	19.0	76.2	21
18021	.0	.0	.0	.0	16.7	83.3	12
TOT PCT	0 .0	0 .0	0 .0	4 5.9	16 23.5	48 70.6	68 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 CEILING	< 600 < 5000	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	13.3	40.0	46.7
06009	.0	.0	.0	15.0	50.0	35.0
12015	.0	4.8	19.0	23.8	57.1	21
18021	.0	.0	25.0	41.7	33.3	12
TOT PCT	0 .0	1 1.5	12 17.6	26 38.2	30 44.1	68 100.0

AUGUST

PERIOD: (PRIMARY) 1922-1967
(OVER-ALL) 1858-1967

AREA 0013 RANGOON
14.5N 95.9E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
83/89	.0	.0	.0	.0	.0	3.2	2.1	.0	5	5.3
80/84	.0	.0	.0	.0	.0	2.1	54.7	16.8	70	73.7
75/79	.0	.0	.0	.0	.0	.0	4.2	16.8	20	21.1
TOTAL	.0	.0	.0	.0	.0	5	55	32	95	100.0
PCT	.0	.0	.0	.0	.0	5.3	61.1	33.7		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

N	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	.0	1.1	.0	1.6	2.6	.0	.0	.0	.0
.0	1.1	.0	4.2	5.3	48.2	12.6	2.4	.0	.0
.5	.0	.0	1.1	.0	11.1	7.6	.8	.0	.0
.5	1.1	1.1	5.3	6.8	61.8	20.3	3.2	.0	.0

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	90%	5%	1%	MIN	MEAN	TOTAL OBS
0000	86	85	84	81	77	76	76	80.8	127
0600	90	88	85	82	77	75	74	81.7	400
1200	88	86	84	81	77	75	75	81.1	262
1800	90	86	83	81	77	75	75	80.5	336
TOT	90	87	84	81	77	75	74	81.1	1125

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0000	.0	.0	.0	5.3	47.4	47.4	88	9
0600	.0	.0	.0	4.3	73.9	21.7	86	3
1200	.0	.0	.0	4.5	68.2	27.3	87	22
1800	.0	.0	.0	8.1	59.5	32.4	88	37
TOT	0	0	0	6	63	32	87	101

PERIOD: (PRIM: 1922-1967
(OVER-ALL) 1858-1967

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AREA 0013 RANGOON
14.5H 95.9E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WD
	76	80	84	88	92	FOG	FOG	FOG
7/8	.0	.0	.0	.0	.2	1	.0	.2
5	.0	.0	.2	.0	.0	1	.0	.2
4	.0	.0	2.1	1.0	.0	16	.0	3.1
3	.0	.0	.6	.2	.0	4	.0	.8
2	.0	.4	14.0	.6	.2	79	.2	14.9
1	.0	.6	1.9	.2	.0	14	.0	2.7
0	.0	3.6	26.8	.6	.0	162	.0	31.0
-1	.0	1.7	2.9	.4	.0	26	.0	5.0
-2	.0	9.8	15.1	.0	.0	130	.0	24.9
-3	.0	1.7	.2	.0	.0	10	.0	1.9
-4	.8	8.6	2.3	.0	.0	61	.0	11.7
-5	1.0	2.1	.2	.0	.0	17	.0	3.3
-6	.0	.2	.0	.0	.0	1	.0	.2
-7/-8	.0	.0	.2	.0	.0	1	.0	.2
TOTAL	9	150	347	15	2	523	1	522
PCT	1.7	28.7	66.3	2.9	.4	100.0	.2	99.8

PERIOD: (OVER-ALL) 1963-1967 AUGUST AREA 0013 RANGDON 14.5N 95.9E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	6.5	2.9	.0	.0	.0	9.4
1-2	.0	5.0	2.9	.0	.0	.0	7.9	.0	5.0	2.9	.0	.0	.0	7.9
3-4	.0	2.9	5.0	.0	.0	.0	7.9	.0	5.8	12.2	.0	.0	.0	18.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	2.9	10.1	2.9	.0	.0	15.8
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	.0	2.9
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	7.9	7.9	.0	.0	.0	15.8	.0	20.1	30.9	2.9	.0	.0	54.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	5.0	.0	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	4.3	.0	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0
5-6	.0	2.9	8.6	.0	.0	.0	11.5	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	6.5	.0	.0	.0	6.5	.0	.0	.7	.0	.0	.0	.7
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	12.2	15.1	.0	.0	.0	27.3	.0	.0	.7	.0	.0	.0	.7

PERIOD: (OVER-ALL) 1963-1967

AUGUST

AREA 0013 RANGOON
14.5N 95.9E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	5.6	11.1	2.8	.0	.0	.0	19.4	
1-2	.0	13.9	5.6	.0	.0	.0	19.4	
3-4	.0	11.1	25.0	.0	.0	.0	36.1	
5-6	.0	2.8	16.7	2.8	.0	.0	22.2	
7	.0	.0	2.8	.0	.0	.0	2.8	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	5.6	38.9	52.8	2.8	.0	.0	100.0	
							36	

PERIOD (OVER-ALL) 1949-1967

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	1.6	9.8	19.7	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	3
6-7	0	0	8.2	8.2	9.8	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	18	5
8-9	0	0	1.6	0	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
10-11	0	0	0	0	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
>13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INDET	8.2	11.5	4.9	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2
TOTAL	6	13	21	10	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	61	
PCT	9.8	21.3	34.4	15.4	14.8	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	100.0	4

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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
			FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN				THDR LTNG	FOG WD	SMOKE HAZE	DUST BLWG	NO DUST SNOW	
N	.4	.0	.0	.0	.0	.0	.4		.0	.0	.0	.0	.0	1.7
NE	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.8
E	.2	.0	.0	.0	.0	.0	.4		.0	.0	.0	.0	.0	1.8
SE	.5	.0	.0	.0	.0	.0	.7		.0	.0	.0	.0	.0	3.6
S	1.2	.4	.0	.0	.0	.0	2.2		.2	.0	.0	.0	.0	11.1
SW	5.0	1.7	.5	.0	.0	.0	7.3		.2	.0	.0	.0	.0	32.6
W	4.3	.5	.6	.0	.0	.0	5.5		.6	.0	.0	.0	.0	21.2
NW	.5	.1	.6	.0	.0	.0	1.2		.0	.0	.0	.0	.0	6.6
VAR	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	.0	.2	.0	.0	.0	.0	.2		.2	.0	.0	.0	.0	1.6
TOT OBS	62	16	13	0	0	0	91		6	0	0	0	0	410
TOT PCT	12.2	3.2	2.6	.0	.0	.0	17.9		1.2	.0	.0	.0	.0	80.9

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA					TOTAL OBS
			FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN				THDR LTNG	FOG WD	SMOKE HAZE	DUST BLWG	NO DUST SNOW	
00003	13.0	.0	4.3	.0	.0	.0	17.4		.0	.0	.0	.0	.0	82.6
06009	12.9	1.0	1.0	.0	.0	.0	14.9		.0	.0	.0	.0	.0	85.1
12015	12.8	6.0	3.0	.0	.0	.0	21.8		1.5	.0	.0	.0	.0	76.7
18021	10.6	4.5	3.8	.0	.0	.0	18.9		3.0	.0	.0	.0	.0	78.0
TOT	63	16	13	0	0	0	92		6	0	0	0	0	415
PCT	12.3	3.1	2.5	.0	.0	.0	17.9		1.2	.0	.0	.0	.0	80.9

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	0-3	4-10	WIND SPEED (KNOTS)				TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
			11-21	22-33	34-47	48+				00	03	06	09	12	15	18	21				
N	.7	.9	.1	.0	.0	.0	.0	1.6	4.6	.0	.7	3.1	1.7	2.2	.0	2.7	1.4				
NE	.6	.2	.0	.0	.0	.0	.0	.7	2.6	.0	2.1	.6	1.0	.0	1.8	.0	.0				
E	.8	.9	.0	.0	.0	.0	.0	1.7	4.0	1.2	2.1	2.2	2.3	3.3	2.7	.6	2.0				
SE	.7	2.6	.2	.1	.0	.0	.0	3.5	5.8	2.3	3.5	6.3	1.3	1.6	2.7	3.2	4.7				
S	1.8	10.1	2.0	.1	.0	.0	.0	14.0	7.4	16.9	13.9	14.5	9.3	16.8	14.8	19.4	9.5				
SW	2.8	23.6	10.8	2.2	.0	.0	.0	39.4	9.8	38.4	36.1	36.2	45.4	40.8	38.5	39.4	39.9				
W	2.5	15.2	7.4	.8	.0	.0	.0	26.9	9.4	36.6	25.0	26.7	27.8	25.5	28.4	22.6	28.4				
NW	1.5	4.1	1.7	.0	.0	.0	.0	7.4	7.3	2.3	8.3	8.4	6.6	7.6	6.8	8.5	7.4				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CAL	4.6	570	215	30	0	0	972	4.6	8.4	2.3	8.3	2.2	4.6	2.2	5.9	3.0	6.8				
TOT OBS	157	58.6	22.1	3.1	.0	.0		100.0		43	72	178	151	46	169	165	148				
TOT PCT	16.2									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

TABLE 3A

WIND DIR	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)											
									00	03	06	09	12	15	18	21				
N	1.4	.2	.1	.0	.0	.0	1.6	4.6	.4	.4	2.4	.5	2.1	.0	.0	.0				
NE	1.7	.0	.0	.0	.0	.0	.7	2.6	1.3	1.3	.8	1.4	.0	.0	.0	.0				
E	1.5	.2	.0	.0	.0	.0	1.7	4.0	1.7	1.7	2.3	1.6	1.3	.0	.0	.0				
SE	2.6	.8	.1	.0	.0	.0	3.5	5.8	2.0	2.0	4.0	2.4	3.9	.0	.0	.0				
S	6.4	7.4	.2	.0	.0	.0	14.0	7.4	15.0	15.0	12.1	13.2	14.7	.0	.0	.0				
SW	12.4	21.4	5.4	.2	.0	.0	39.4	9.8	37.0	37.0	40.4	39.0	39.6	.0	.0	.0				
W	9.2	14.2	3.4	.2	.0	.0	26.9	9.4	29.3	29.3	27.1	27.8	25.3	.0	.0	.0				
NW	3.9	3.2	.4	.0	.0	.0	7.4	7.3	6.1	6.1	7.6	7.0	8.0	.0	.0	.0				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CAL	4.6	461	92	3	0	972	4.6	8.4	6.1	6.1	3.3	3.3	5.1	5.1	5.1	5.1				
TOT OBS	416	47.4	9.5	.3	.0	972	100.0		115	115	329	215	313	313	313	313				
TOT PCT	42.8				.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
0000	6.1	13.0	61.7	17.4	1.7	.0	.0	7.8	100.0	115
0600	3.3	12.2	57.4	23.1	4.0	.0	.0	8.7	100.0	329
1200	5.1	8.8	56.7	26.0	3.3	.0	.0	8.7	100.0	215
1800	5.1	12.1	60.1	20.1	2.6	.0	.0	8.0	100.0	313
TOT	45	112	570	215	30	.0	.0	8.4	100.0	972
PCT	4.6	11.5	58.6	22.1	3.1	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0
E	.0	2.1	.0	.0	.0	3.0
SE	.0	.0	.0	.0	.0	8.0
S	1.6	3.7	3.2	7.4	.0	5.7
SW	.5	2.7	15.0	28.7	.0	7.0
W	.0	.0	9.0	12.2	.0	7.3
NW	.0	2.1	8.0	2.1	.0	6.4
VAR	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0
TOT OBS	2.1	10.6	36.2	51.1	100.0	6.7
TOT PCT	2.1	10.6	36.2	51.1	100.0	6.7

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3500	5000	6500	8000+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NH)

CEILING (FEET)	OR		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>10	>5	>2	>1
OR > 6500	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
OR > 5000	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
OR > 3500	27.1	27.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
OR > 2000	35.4	39.6	50.0	50.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
OR > 1000	39.6	43.8	54.2	54.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
OR > 600	39.6	45.8	56.3	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
OR > 300	39.6	45.8	56.3	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
OR > 150	39.6	45.8	56.3	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
OR > 0	39.6	45.8	56.3	56.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
TOTAL	19	22	27	27	28	28	28	28	28	28	28	28

TOTAL NUMBER OF OBS: 48 PCT FREQ NH < 5/8: 41.7

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	9	TOTAL
0	6.3	7.8	10.9	10.9	26.6	7.8	7.8	20.3	1.6	64	
0.0											

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
PCP	.2	.0	.0	.2	.2	.2	.1	.0	.0	.0	.8	
NO PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
TOT %	.2	.0	.0	.2	.2	.4	.1	.0	.0	.0	1.0	
PCP	.0	.0	.0	.2	.0	.5	1.6	.1	.0	.0	2.4	
NO PCP	.0	.0	.0	.0	.0	.4	.6	.0	.0	.0	1.0	
TOT %	.0	.0	.0	.2	.0	.9	2.2	.1	.0	.0	3.4	
PCP	.0	.0	.0	.3	.5	1.4	1.6	.2	.0	.0	3.9	
NO PCP	.0	.0	.0	.0	.4	2.3	.6	.0	.0	.0	3.4	
TOT %	.0	.0	.0	.3	.9	3.7	2.2	.2	.0	.0	7.3	
PCP	.0	.0	.4	.2	1.3	3.9	1.2	.9	.0	.2	8.1	
NO PCP	.6	.2	.3	.4	1.8	12.1	8.0	1.2	.0	.4	25.0	
TOT %	.6	.2	.7	.6	3.1	16.0	9.3	2.1	.0	.6	33.1	
PCP	.2	.0	.0	.0	.2	1.1	1.0	.0	.0	.0	2.4	
NO PCP	1.1	.6	1.5	3.2	9.1	17.8	12.5	5.7	.0	1.4	52.3	
TOT %	1.3	.6	1.5	3.2	9.3	18.9	13.6	5.7	.0	1.4	55.0	
TOT OBS	2.1	.8	2.2	4.3	13.5	40.1	27.3	7.7	.0	2.0	100.0	507
TOT PCT												

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.3	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.3	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.2	.2	.0	.0	.0	.0	.5	.0
	11-21	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.0
	TOT %	.1	.0	.0	.0	.2	.3	.1	.0	.0	.0	.6	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.1	.0	.1	.3	.0	.0	.0	.5	.0
	11-21	.0	.0	.0	.0	.1	.6	1.0	.1	.0	.0	1.8	.0
	TOT %	.0	.0	.0	.1	.1	.8	1.8	.1	.0	.0	2.8	.0
2<5	0-3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.3	.0
	4-10	.0	.0	.0	.2	.6	1.1	1.1	.3	.0	.0	3.1	.0
	11-21	.0	.0	.0	.1	.5	1.4	1.2	.0	.0	.0	3.3	.0
	TOT %	.0	.0	.0	.3	1.1	3.4	2.6	.3	.0	.0	7.7	.0
5<10	0-3	.3	.2	.4	.0	.2	.4	.4	.2	.0	.4	2.4	.0
	4-10	.3	.0	.1	.6	1.7	6.1	4.0	1.2	.0	.0	13.9	.0
	11-21	.0	.0	.0	.0	.4	3.8	2.5	.6	.0	.0	7.4	.0
	TOT %	.5	.2	.4	.7	2.4	11.7	7.1	2.0	.0	.4	25.3	.0
10+	0-3	.4	.5	.6	.7	1.5	2.4	2.3	1.6	.0	4.8	14.8	.0
	4-10	.6	.2	.8	1.6	6.9	14.5	11.2	3.3	.0	.0	39.0	.0
	11-21	.0	.0	.0	.1	.4	4.6	3.2	1.0	.0	.0	9.3	.0
	TOT %	1.1	.7	1.4	2.5	8.7	21.6	16.7	5.9	.0	4.8	63.4	.0
TOT OBS		1.7	.9	1.8	3.6	12.4	38.0	28.3	8.2	.0	5.1	100.0	797

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TABLE 10

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PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	10.0	20.0	.0	20.0	.0	.0	50.0	50.0	10
06009	.0	.0	.0	5.6	22.2	22.2	.0	5.6	.0	.0	55.6	44.4	18
12015	.0	.0	3.3	.0	16.7	16.7	.0	8.3	.0	.0	50.0	50.0	12
18021	.0	.0	.0	9.1	18.2	18.2	9.1	9.1	.0	.0	63.6	36.4	11
TOT PCT	.0	.0	2.0	3.9	17.6	19.6	2.0	9.8	.0	.0	54.9	45.1	51
													100.0

TABLE 11

PERCENT FREQUENCY VSEY (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	22.2	.0	77.8	9
06009	.0	5.9	.0	5.9	11.8	76.5	17
12015	.0	.0	.0	9.1	45.5	45.5	11
18021	.0	.0	.0	16.7	8.3	75.0	12
TOT PCT	.0	2.0	.0	12.2	16.3	69.4	49
							100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET) NH >4/8) BY HOUR						
HOUR (GMT)	<150 <50YD	<600 <1 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS	
00003	.0	.0	22.2	44.4	33.3	9
06009	.0	5.9	17.6	41.2	41.2	17
12015	.0	9.1	18.2	36.4	45.5	11
18021	8.3	8.3	33.3	33.3	33.3	12
TOT PCT	1 2.0	3 6.1	11 22.4	19 38.8	19 38.8	49 100.0

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PERIOD: (PRIMARY) 1923-1968
(OVER-ALL) 1907-1968

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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ
85/89	.0	.0	.0	.0	1.2	2.4	.0	.0	3	3.6
80/84	.0	.0	.0	.0	1.2	8.4	54.2	18.1	68	81.9
75/79	.0	.0	.0	.0	.0	.0	6.0	8.4	12	14.5
TOTAL	0	0	0	0	2	9	50	22	83	100.0
PCT	.0	.0	.0	.0	2.4	10.8	60.2	26.5		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	.0	1.2	1.2	.0	.0	1.2	.0	1.2	.0	.0
80/84	2.4	1.2	1.2	1.8	9.9	43.1	15.4	4.5	.0	2.4
75/79	.0	.0	1.2	.0	1.2	7.8	.8	2.4	.0	.0
TOTAL	2.4	1.2	3.6	1.8	11.1	52.1	17.2	8.1	.0	2.4

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	87	85	83	81	77	74	74	80.6	1.5
06009	89	87	86	82	77	75	73	81.6	327
12015	88	87	84	81	78	75	75	81.2	2.5
18021	88	84	83	81	77	75	73	80.6	3.5
TOT	89	86	84	81	77	75	73	81.1	972

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.0	.0	.0	8.3	35.3	86	12
06009	.0	.0	.0	.0	20.7	26.7	85	15
12015	.0	.0	.0	.0	14.3	38.1	86	21
18021	.0	.0	5.7	2.5	74.3	17.1	87	35
TOT	0	0	2	9	50	22	86	83

PERIOD: (PRIMARY) 1923-1968
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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	TOT	W	WD
	76	80	84	88		FOG	FOG
11/13	.0	.0	.0	.4	2	.0	.4
9/10	.0	.0	.2	.0	1	.0	.2
7/8	.0	.0	.8	.0	4	.0	.8
5	.0	.0	1.2	.2	7	.0	1.5
4	.0	.2	3.5	.4	20	.0	4.2
2	.0	1.0	10.2	.8	58	.0	12.1
1	.0	.0	1.3	.2	8	.0	1.7
0	.2	3.7	26.2	1.5	152	.0	31.6
-1	.0	1.5	2.9	.0	21	.0	4.4
-2	.0	8.1	15.8	.0	115	.0	23.9
-3	.0	2.1	1.2	.0	16	.0	3.3
-4	.4	6.2	4.0	.0	51	.0	10.6
-5	1.0	2.5	.4	.0	19	.0	4.0
-7/-8	.6	.8	.0	.0	7	.0	1.5
TOTAL	11	126	327	17	481	0	481
PCT	2.3	20.2	68.0	3.5	100.0		100.0

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PERIOD: (OVER-ALL) 1963-1968

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TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	16.7	.0	.0	.0	.0	16.7	.0
3-4	.0	16.7	41.7	.0	.0	.0	58.3	.0
5-6	.0	.0	25.0	.0	.0	.0	25.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	33.3	66.7	.0	.0	.0	100.0	.0

PERIOD: (OVER-ALL) 1949-1968

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
SEC:																						
<6	.0	11.1	28.9	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	3
6-9	.0	4.4	11.1	11.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	4
8-9	.0	.0	.0	4.4	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	6
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INCL-	6.7	2.2	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	2
TOTAL	6.7	17.8	45.7	22.2	4.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	3
PC																					100.0	

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN					PCPN	MO HAZE	BLWG DUST	SIG SNOW	
N	.1	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	7.2
NE	.2	.0	.0	.0	.0	.0	.0	.2		.5	.0	.0	.0	.0	12.7
E	.1	.0	.0	.0	.0	.0	.0	.1		.4	.0	.0	.0	.0	14.8
SE	.6	.1	.0	.0	.0	.0	.0	.7		.3	.0	.0	.0	.0	11.3
S	.7	.2	.0	.0	.0	.0	.0	.9		.0	.0	.0	.0	.0	11.1
SW	.8	.3	.0	.0	.0	.0	.0	1.1		.3	.0	.0	.0	.0	12.9
W	.5	.2	.0	.0	.0	.0	.0	.7		.1	.0	.0	.0	.0	10.8
NW	.2	.0	.0	.0	.0	.0	.0	.2		.2	.2	.0	.0	.0	7.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	.2	.0	.0	.0	.0	.0	.0	.2		.0	.0	.0	.0	.0	5.4
TOT OBS	17	4	.0	.0	.0	.0	.0	.2	21	10	1	.0	.0	.0	472
TOT PCT	3.4	.8	.0	.0	.0	.0	.0	4.2		2.0	.2	.0	.0	.0	93.7

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	FRZG PCPN	SNOW PCPN					PCPN	MO HAZE	BLWG DUST	SIG SNOW	
0000	12.8	2.1	.0	.0	.0	.0	.0	14.9		.0	.0	.0	.0	.0	85.1
0600	4.9	.5	.0	.0	.0	.0	.0	5.4		.0	.0	.0	.0	.0	94.6
1200	1.5	2.3	.0	.0	.0	.0	.0	3.8		5.3	.8	.0	.0	.0	90.2
1800	1.4	1.4	.0	.0	.0	.0	.0	2.9		3.6	.0	.0	.0	.0	93.5
TOT	20	7	.0	.0	.0	.0	.0		27	12	1	.0	.0	.0	484
PCT	3.8	1.3	.0	.0	.0	.0	.0	5.2		2.3	.2	.0	.0	.0	92.4

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	HOUR (GMT)			15	18	21
	0-3	4-10	11-21	22-33	34-47													
N	1.9	4.1	.2	.0	.0	.0	.0	6.2	.	7.9	6.2	7.1	5.1	4.2	6.8	4.7	7.4	
NE	3.0	9.9	.9	.0	.0	.0	.0	12.8	6.1	8.6	20.2	17.8	11.1	1.6	13.3	8.9	18.5	
E	2.8	9.9	1.2	.0	.0	.0	.0	13.8	6.3	8.6	14.6	21.5	10.5	15.1	8.8	8.6	13.4	
SE	3.3	7.2	1.1	.0	.0	.0	.0	11.6	6.6	19.7	11.8	13.9	11.1	10.9	10.7	9.9	10.4	
S	3.0	8.1	2.4	.0	.0	.0	.0	13.5	7.0	10.5	11.6	8.6	14.9	18.8	16.9	12.7	14.9	
SW	3.3	6.7	1.5	.0	.0	.0	.0	11.7	6.4	18.4	6.2	7.3	10.1	17.2	15.0	19.0	6.8	
W	2.2	5.3	1.8	.3	.0	.0	.0	9.6	7.6	13.9	7.3	7.9	13.0	12.0	7.9	10.5	11.0	
NW	1.9	4.0	1.0	.0	.0	.0	.0	6.9	6.1	14.5	9.6	6.0	5.1	9.9	6.5	6.3	6.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	13.0	575	104	4	0	0	1040	13.0	.0	7.9	12.4	9.9	13.3	10.4	14.1	19.3	10.7	
TOTAL OBS	357	55.3	10.0	.4	.0	.0	1040	100.0	5.6	38	89	191	158	46	177	171	168	
TOTAL PCT	34.3	55.3	10.0	.4	.0	.0	100.0	100.0	5.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)												
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21					
N	5.0	1.3	.0	.0	.0	.0	6.2	5.0	6.7	6.2	6.2	6.0	6.0	6.0	6.2	10.8	10.8	13.6	13.6	13.6	13.6
NE	8.9	4.6	.3	.0	.0	.0	13.8	6.1	16.7	14.8	16.7	14.8	14.8	14.8	14.8	10.8	10.8	13.6	13.6	13.6	13.6
E	6.3	5.2	.2	.0	.0	.0	13.8	6.3	12.8	19.2	12.8	19.2	19.2	19.2	19.2	10.8	10.8	13.6	13.6	13.6	13.6
SE	6.0	5.2	.4	.0	.0	.0	11.6	6.6	14.2	12.6	14.2	12.6	12.6	12.6	12.6	10.8	10.8	13.6	13.6	13.6	13.6
S	7.7	4.9	.9	.0	.0	.0	13.5	7.0	11.4	11.5	11.4	11.5	11.5	11.5	11.5	17.3	17.3	13.8	13.8	13.8	13.8
SW	7.6	3.3	.7	.0	.0	.0	11.7	6.4	9.8	8.6	9.8	8.6	8.6	8.6	8.6	15.4	15.4	13.0	13.0	13.0	13.0
W	5.2	3.5	.9	.0	.0	.0	9.6	7.6	6.3	10.2	6.3	10.2	10.2	10.2	10.2	8.2	8.2	10.8	10.8	10.8	10.8
NW	4.9	1.8	.2	.0	.0	.0	6.9	6.1	11.0	5.6	11.0	5.6	5.6	5.6	5.6	7.2	7.2	6.6	6.6	6.6	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	13.0	310	37	0	0	0	13.0	.0	11.0	11.5	11.0	11.5	.0	11.0	11.5	13.3	15.0	15.0	15.0	15.0	15.0
TOTAL OBS	693	29.6	3.6	.0	.0	.0	100.0	5.6	127	349	127	349	225	339	127	349	225	339	339	339	339
TOTAL PCT	64.6	29.6	3.6	.0	.0	.0	100.0	5.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	P.T. TOTAL OBS
0000	11.0	21.3	57.5	10.2	.0	.0	.0	5.6	100.0
0600	11.5	18.1	57.0	12.6	.9	.0	.0	6.1	100.0
1200	13.3	20.9	56.9	8.9	.0	.0	.0	5.4	100.0
1800	15.0	25.1	51.6	9.0	.3	.0	.0	5.3	100.0
TOT	135	222	575	104	4	0	0	5.5	100.0
PCT	13.0	21.3	55.3	10.0	.4	.0	.0	5.5	100.0

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	1.6	.0	.0	6.0
NE	1.6	3.3	3.3	.0	.0	3.8
E	3.3	1.0	9.0	.0	.0	4.8
SE	3.3	1.2	12.7	.0	.0	5.2
S	2.0	3.7	2.5	.6	.0	4.0
SW	3.3	3.3	7.0	.8	.0	4.6
W	4.5	1.6	1.6	4.9	.0	4.7
NW	3.3	4.6	8.2	.0	.0	4.4
VAH	.0	.0	.0	.0	.0	.0
CALM	1.6	4.9	1.6	.0	.0	3.8
TOT OBS	14	14	29	4	61	4.5
TOT PCT	23.0	23.0	47.5	6.6	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8)
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

WIND DIR	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8)										TOTAL OBS
	000	149	150	299	300	599	600	999	1000	2000	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1921-1968
(COVER-ALL) 1900-1968

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	CR >10	OR >5	OR >2	VSBY (NM) CR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
CR >6500	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
CR >5000	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
CR >3500	4.3	5.8	5.8	5.8	5.8	5.8	5.8	5.8
CR >2000	5.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2
CR >1000	11.6	14.5	14.5	14.5	14.5	14.5	14.5	14.5
CR >600	11.6	14.5	17.4	17.4	17.4	17.4	17.4	17.4
CR >300	11.6	17.4	21.7	21.7	21.7	21.7	21.7	21.7
CR >150	11.6	17.4	21.7	21.7	21.7	21.7	21.7	21.7
CR >0	11.6	17.4	21.7	21.7	21.7	21.7	21.7	21.7
TOTAL	8	12	15	15	15	15	15	15

TOTAL NUMBER OF OBS: 69

PCT FREQ NH <5/8: 78.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	TOTAL OBS
3.9	11.8	24.3	21.1	11.8	11.8	6.6	3.9	2.6	76

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PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

AREA 0013 RANGOON
14.4N 95.9E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NC PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 NC PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+ ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	7.3	13.4	15.3	12.3	12.0	14.3	11.6	7.9	.0	5.8	100.0	504
TOT PCT	7.3	13.4	15.3	12.3	12.0	14.3	11.6	7.9	.0	5.8	100.0	504

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

OCTOBER

AREA 0013 RANGOODN
14.4N 95.9E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.1	.5	.9	.3	.3	.5	.1	.1	.0	.0	.3	.3
	4-10	.4	1.5	1.7	1.2	1.7	1.7	1.2	1.0	.0	.0	10.5	10.5
	11-21	.1	.1	.3	.2	.4	.7	.3	.3	.0	.0	2.4	2.4
	22+	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1
	TOT %	.6	2.1	2.9	1.7	2.4	2.9	1.8	1.4	.0	.3	16.0	16.0
10+	0-3	2.2	3.0	2.2	3.3	2.1	3.1	2.3	1.8	.0	10.6	30.6	30.6
	4-10	3.6	8.3	8.9	6.1	6.4	5.3	4.3	2.8	.0	45.7	45.7	45.7
	11-21	.1	.5	.9	.6	.7	.7	1.5	.5	.0	.0	5.4	5.4
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	5.9	11.7	11.9	9.9	9.3	9.1	8.1	5.1	.0	10.6	81.7	81.7
TOT OBS													764
TOT PCT		6.5	13.9	14.8	12.2	12.0	12.5	10.5	6.5	.0	11.0	100.0	

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1900-1968

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
HOUR (GMT)													
00003	.0	.0	.0	.0	6.7	.0	6.7	.0	6.7	.0	20.0	80.0	15
06009	.0	.0	5.9	5.9	5.9	.0	5.9	.0	.0	.0	23.5	76.5	17
12015	.0	.0	4.2	4.2	4.2	.0	4.2	.0	.0	.0	16.7	83.3	24
18021	.0	.0	6.3	.0	12.5	6.3	.0	.0	.0	.0	25.0	75.0	16
TOT PCT	.0	.0	4.2	2.8	6.9	1.4	4.2	.0	1.4	.0	20.8	79.2	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
HOUR (GMT)							
00003	.0	.0	.0	.0	14.3	25.7	14
06009	.0	.0	.0	12.5	6.3	81.3	16
12015	.0	.0	.0	4.2	8.3	87.5	24
18021	.0	.0	.0	.0	13.3	86.7	15
TOT PCT	.0	.0	.0	4.3	10.1	85.5	69
							100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	.0	21.4	78.6	14
06009	.0	.0	6.3	12.5	12.5	75.0	16
12015	.0	.0	4.2	8.3	8.3	83.3	24
18021	.0	.0	6.7	6.7	20.0	73.3	15
TOT PCT	.0	.0	4.3	7.2	10	54	69
							100.0

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 PERIOD (PRIMARY) 1921-1968
 (OVER-ALL) 1906-1968

 AREA 0013 RANGRUN
 14.4N 95.9E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	1	1.2
85/89	.0	.0	.0	.0	1.2	6.0	2.4	.0	.0	.0	8	9.5
80/84	.0	.0	.0	.0	2.4	22.6	52.4	2.4	.0	.0	67	79.8
75/79	.0	.0	.0	.0	.0	.0	3.6	6.0	.0	.0	8	9.5
TOTAL	.0	.0	.0	1	3	24	49	7	.0	.0	84	100.0
PCT	.0	.0	.0	1.2	3.6	28.6	58.3	8.3				

TABLE 14

P	PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										VAR	CALM
	N	NE	E	SE	S	SW	W	NW				
.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
.0	.0	1.2	3.6	2.4	.0	.0	.0	.0	.0	.0	.0	.0
4.2	15.8	12.2	10.4	9.0	11.3	5.4	8.9	.0	.0	.0	.0	2.4
.6	.0	1.2	1.2	.6	3.0	2.4	.6	.0	.0	.0	.0	.0
4.8	18.2	17.0	14.0	8.6	14.3	7.7	9.5	.0	.0	.0	.0	6.0

TABLE 15

HOUR (GMT)	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
	MAX	99%	95%	50%	5%	1%	MIN	MEAN			
0003	85	85	84	82	78	77	75	81.7			130
0609	94	88	86	82	79	77	73	82.7			346
1215	88	87	85	82	79	77	77	82.1			225
1821	86	85	84	82	78	75	75	81.5			336
TOT	94	87	85	82	79	77	73	82.0			1037

TABLE 16

HOUR (GMT)	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN		
0003	.0	.0	.0	.0	5.0	20.0	70.0	5.0	82		20
0609	.0	.0	.0	5.9	5.9	41.2	35.3	11.6	78		17
1215	.0	.0	.0	.0	.0	42.3	42.3	15.4	82		26
1821	.0	.0	.0	.0	3.3	23.3	70.0	3.3	83		30
TOT	0	1	1	3	52	29	8		82		93

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	92	TOT	W	WD
	76	80	84	88	92		FOG		FOG
9/10	.0	.0	.2	.0	.0	.2	2	.0	.4
7/8	.0	.0	.8	.0	.0	.0	4	.0	.8
5	.0	.0	.6	.0	.0	.0	3	.0	.6
4	.0	.0	1.2	.8	.0	.0	10	.0	2.0
3	.0	.0	.2	.2	.0	.0	2	.0	.4
2	.0	.2	7.0	2.0	.0	.0	46	.0	9.1
1	.0	.0	1.4	.6	.0	.0	10	.0	2.0
0	.0	1.2	25.2	2.0	.0	.0	143	.2	28.2
-1	.0	.4	5.6	.2	.0	.0	31	.0	6.2
-2	.0	4.2	27.4	.4	.0	.0	161	.0	32.0
-3	.0	.4	1.6	.0	.0	.0	10	.0	2.0
-4	.6	2.4	7.8	.0	.0	.0	54	.0	10.7
-5	.0	2.4	1.6	.0	.0	.0	20	.0	4.0
-7/-8	.2	.8	.2	.0	.0	.0	6	.0	1.2
-9/-10	.0	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	4	61	406	31	0	1	503	1	502
PCT	.8	12.1	80.7	6.2	.0	.2	100.0	.2	99.8

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WZC: (OVER-ALL) 1963-1968

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

[illegible]

	1-3	4-10	11-21	22-33	34-47	48+	PCT	SE	1-3	4-10	11-21	22-33	34-47	48+	PCT
a	0	0	0	0	0	0	0	0	0	6.1	0	0	0	0	6.1
b	0	22.7	0	0	0	0	22.7	0	0	0	0	0	0	0	0
c	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	0	0	0	0	0	0	0	0	0	6.1	0	0	0	0	6.1
e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
f	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
g	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
i	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
j	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
k	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
l	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
m	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
n	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
o	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
q	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
r	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
s	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
u	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
v	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
w	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
x	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
y	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
z	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
aa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
af	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ag	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ai	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
aj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
al	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
am	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
an	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ao	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
aq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
as	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
at	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
au	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
av	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
aw	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
az	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
be	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
br	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bw	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
by	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
bz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ce	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cf	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ch	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ci	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cv	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cw	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cz	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
da	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
db	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
de	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
df	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
di	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dj	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dl	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
do	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
dr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ds	0	0	0	0	0	0	0	0							

PERIOD: (OVER-ALL) 1963-1968 OCTOBER AREA 0013 RANGOON 14.4N 95.9E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	6.1	.0	.0	.0	.0	.0	6.1
1-2	.0	.0	.0	.0	.0	.0	.0	.0	12.1	.0	.0	.0	.0	12.1
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	.0	.0	.0	6.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	6.1	12.1	6.1	.0	.0	.0	24.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	6.1	.0	.0	.0	.0	6.1
1-2	.0	.0	.0	.0	.0	.0	.0	.0	6.1	.0	.0	.0	.0	6.1
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	.0	.0	.0	12.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	12.1	12.1	.0	.0	.0	24.2

OCTOBER

PERIOD: (OVER-ALL) 1963-1968

AREA 0013 RANCOON
14.4N 95.9E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)								TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	28.0	14.3	.0	.0	.0	.0	42.9	
1-2	.0	33.3	.0	.0	.0	.0	33.3	
3-4	.0	4.8	14.3	.0	.0	.0	19.0	
5-6	.0	4.8	.0	.0	.0	.0	4.8	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	28.6	57.1	14.3	.0	.0	.0	100.0	21

PERIOD: (OVER-ALL) 1949-1968

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
<6	9.7	12.9	12.9	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	2
6-7	3.2	14.5	12.9	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	2
8-9	.0	.0	3.2	1.6	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
12-13	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	5
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDET	14.5	1.6	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	1
TOTAL	17	16	19	4	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62	2
PCT	27.4	29.0	30.6	6.5	4.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

NOVEMBER

AREA 0013 RANGOON
14.4N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL PCPN	HAIL PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN				PCPN	WV	HAZE	BLWG	DUST SNOW	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	14.0
NE	.2	.1	.2	.0	.0	.0	.0	.5	.5	.1	.0	.0	.0	.0	.0	28.5
E	.6	.1	.0	.0	.0	.0	.0	.7	.7	.0	.0	.2	.0	.0	.0	23.0
SE	.4	.2	.0	.0	.0	.0	.0	.6	.6	.2	.0	.0	.0	.0	.0	8.9
S	.2	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	6.3
SW	.2	.0	.0	.0	.0	.0	.0	.2	.2	.4	.0	.0	.0	.0	.0	3.4
W	.6	.4	.1	.0	.0	.0	.0	1.1	1.1	.0	.0	.0	.0	.0	.0	2.6
NW	.1	.0	.1	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	3.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	4.5
TOT OBS	13	4	2	0	0	0	0	.2	.2	.6	.0	.0	.0	.0	.0	480
TOT PCT	2.6	.8	.4	.0	.0	.0	.0	3.7	19	1.2	.2	.2	.1	.2	.0	94.7

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL PCPN	HAIL PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN				PCPN	WV	HAZE	BLWG	DUST SNOW	
0000	7.5	5.7	1.9	.0	.0	.0	.0	15.1	15.1	1.9	.0	.0	.0	.0	.0	83.0
0600	1.4	.5	.0	.0	.0	.0	.0	1.9	1.9	.0	.0	.0	.0	.0	.0	98.1
1200	3.1	.0	.0	.0	.0	.0	.0	3.1	3.1	.0	.0	.0	.0	.0	.0	96.9
1800	1.6	.0	.8	.0	.0	.0	.0	2.4	2.4	4.1	.8	.8	.8	.0	.0	91.9
TOT	13	4	2	0	0	0	0	3.7	19	6	1	1	1	0	0	485
PCT	2.5	.8	.4	.0	.0	.0	.0	3.7	19	1.2	.2	.2	.2	.0	.0	94.7

NOVEMBER

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

AREA 0013 RANGOON
14.4N 96.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GHT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	3.1	10.3	1.4	.0	.0	.0	.0	14.7	6.2	25.6	18.4	14.3	13.4	7.4	13.4	12.7	18.1
NE	3.5	19.7	3.3	.1	.0	.0	.0	26.5	7.0	26.7	29.5	31.7	26.2	25.0	26.2	18.0	24.1
E	2.6	13.5	4.8	.3	.0	.0	.0	21.2	8.1	15.1	21.1	29.6	17.8	21.6	17.8	12.8	21.5
SE	2.1	6.3	1.5	.0	.0	.0	.0	9.9	7.0	10.5	12.0	9.6	7.7	9.1	7.7	9.6	12.0
S	2.0	3.7	1.7	.0	.0	.0	.0	7.5	7.1	1.7	5.4	5.6	8.9	14.2	9.3	9.2	4.9
SW	1.2	2.1	.5	.0	.0	.0	.0	3.8	6.1	2.9	1.8	1.7	4.2	6.3	4.4	6.8	3.2
W	1.4	1.8	.2	.0	.0	.0	.0	3.4	5.0	5.8	3.0	1.4	1.5	3.4	4.6	5.1	4.2
NW	1.1	2.9	.1	.0	.0	.0	.0	4.1	5.1	4.7	2.7	2.4	4.9	1.7	5.2	5.8	3.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	8.9	597	133	3	.0	.0	989	8.9	.0	7.0	6.0	3.9	3.6	11.4	11.5	19.9	8.5
TOT OBS	256	60.4	13.4	.3	.0	.0		100.0	6.3	43	83	180	168	44	183	146	142
TOT PCT	25.9									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)				41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40					00	03	06	09	12	15	18	21
N	9.4	5.1	.2	.0	.0	.0	14.7	6.2	20.8	20.8	13.5	12.2	15.4			
NE	14.1	12.2	.3	.0	.0	.0	26.5	7.0	28.6	28.6	30.7	26.0	21.0			
E	9.5	10.6	1.1	.0	.0	.0	21.2	8.1	19.0	19.0	27.1	18.5	17.1			
SE	5.4	4.1	.4	.0	.0	.0	9.9	7.0	11.5	11.5	9.8	7.9	10.8			
S	4.1	3.0	.4	.0	.0	.0	7.5	7.1	4.2	4.2	7.2	10.2	7.1			
SW	2.6	1.1	.2	.0	.0	.0	3.8	6.1	2.2	2.2	2.9	4.7	5.0			
W	2.5	.9	.0	.0	.0	.0	3.4	5.0	4.0	4.0	1.4	4.4	4.7			
NW	3.2	.9	.0	.0	.0	.0	4.1	5.1	3.4	3.4	3.6	4.5	4.7			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	8.9	375	24	.0	.0	989	8.9	.0	6.3	6.3	3.7	11.5	14.2			
TOT OBS	590	37.9	2.4	.0	.0		100.0	6.3	126	126	348	227	288			
TOT PCT	59.7				.0				100.0	100.0	100.0	100.0	100.0			

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

NOVEMBER

AREA 0013 RANGOON
14.4N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (G.T)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
00003	6.3	11.9	61.9	19.8	.0	.0	.0	7.3	100.0	126
06009	3.7	16.7	61.2	18.4	.0	.0	.0	7.0	100.0	348
12015	11.5	17.2	66.1	5.3	.0	.0	.0	5.4	100.0	227
18021	14.2	19.4	54.2	11.1	1.0	.0	.0	5.7	100.0	288
TOT	88	168	597	133	3	0	0	6.3		989
PCT	8.9	17.0	60.4	13.4	.3	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-6	TOTAL OBS	MEAN CLOUD COVER
N	6.3	7.4	2.4	.0	.0	2.7
NE	8.3	9.2	8.3	.0	.0	3.6
E	8.9	3.6	0.3	.0	.0	3.3
SE	1.5	4.8	2.4	.0	.0	3.4
S	.9	.0	.0	.0	.0	2.0
SW	3.3	.0	1.2	.0	.0	3.0
W	.6	.0	.0	6.5	.0	7.5
NW	1.2	2.4	.0	.0	.0	2.8
VAR	.0	.0	.0	.0	.0	.0
CALM	8.3	2.4	1.2	.0	.0	2.0
TOT OBS	33	25	20	6	84	3.4
TOT PCT	39.3	29.8	23.8	7.1	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8)
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

WIND DIR	000	149	299	300	599	600	1000	2000	3500	5000	6500	8000+	NH < 5/8	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1956-1966

NOVEMBER

AREA 0013 RANGDON
14.4N 96.0E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	1.2	1.2	1.2	3.6	3.6	3.6	3.6	3.6
OR >5000	1.2	1.2	1.2	3.6	3.6	3.6	3.6	3.6
OR >3500	1.2	1.2	1.2	3.6	3.6	3.6	3.6	3.6
OR >2000	4.8	4.8	4.8	7.1	7.1	7.1	7.1	7.1
OR >1000	7.1	8.3	8.3	10.7	10.7	10.7	10.7	10.7
OR >600	7.1	8.3	8.3	10.7	10.7	10.7	10.7	10.7
OR >300	7.1	8.3	8.3	10.7	10.7	10.7	10.7	10.7
OR >150	7.1	8.3	8.3	10.7	10.7	10.7	10.7	10.7
OR >0	7.1	8.3	8.3	10.7	10.7	10.7	10.7	10.7
TOTAL	6	7	7	9	9	9	9	9

TOTAL NUMBER OF OBS: 84

PCT FREQ NH <5/8: 89.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
22.3	18.4	24.3	13.6	8.7	3.9	1.0	4.9	2.9	.0		103

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

NOVEMBER

AREA 0013 RANSON
14.4N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	PCP .0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	.2
	NO PCP .0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.4	.4
	TOT % .0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.6	.6
1<2	PCP .0	.0	.2	.0	.0	.0	.4	.0	.0	.0	.6	.6
	NO PCP .0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.4	.4
	TOT % .0	.0	.4	.0	.2	.0	.4	.0	.0	.0	1.0	1.0
2<5	PCP .0	.2	.2	.0	.0	.1	.1	.0	.0	.0	.6	.6
	NO PCP .0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT % .0	.2	.2	.0	.0	.1	.1	.0	.0	.0	.6	.6
5<10	PCP .0	.1	.3	.4	.2	.1	.1	.1	.0	.2	1.6	1.6
	NO PCP 1.8	2.3	3.2	1.9	1.1	.6	.5	.6	.0	.2	11.8	11.8
	TOT % 1.6	2.4	3.5	2.3	1.3	.7	.6	.7	.0	.4	13.4	13.4
10+	PCP .0	.2	.0	.0	.0	.0	.5	.1	.0	.0	.8	.8
	NO PCP 12.6	26.4	19.8	7.2	5.0	3.2	2.1	3.0	.0	4.3	83.0	83.0
	TOT % 12.6	26.6	19.8	7.2	5.0	3.2	2.6	3.1	.0	4.5	84.6	84.6
TOT OBS	507											
TOT PCT	14.2	29.1	23.9	9.7	6.5	4.0	3.6	3.9	.0	4.9	100.0	507

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

NOVEMBER

AREA 0013 RANGOGN
14.4N 96.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NH)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.3	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.3	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.1	.0	.1	.0	.3	.0	.0	.0	.5	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
	TOT %	.0	.0	.3	.0	.1	.0	.3	.0	.0	.0	.6	.0
2<5	0-3	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0
	4-10	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
	11-21	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0
	22+	.0	.0	.1	.0	.0	.1	.1	.1	.0	.0	.5	.0
	TOT %	.1	.1	.1	.0	.0	.1	.1	.1	.0	.0	.5	.0
5<10	0-3	.1	.3	.0	.0	.2	.3	.1	.1	.0	.3	1.3	.0
	4-10	.8	1.3	2.1	1.3	.4	.1	.3	.4	.0	.0	6.6	.0
	11-21	.1	.0	.3	.3	.5	.2	.0	*	.0	.0	1.4	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	1.0	1.5	2.4	1.5	1.1	.7	.4	.4	.0	.3	9.3	.0
10+	0-3	2.4	3.3	2.9	2.2	2.0	.7	1.4	1.1	.0	8.3	24.3	.0
	4-10	9.5	19.3	12.5	5.3	2.7	1.9	1.5	1.9	.0	.0	55.0	.0
	11-21	.9	2.7	4.6	.7	.6	.3	.1	.0	.0	.0	9.8	.0
	22+	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0
	TOT %	12.8	25.8	20.0	8.2	5.3	2.9	2.9	2.9	.0	8.3	89.3	.0
TOT OBS													783
TOT PCT		13.9	27.5	22.8	9.9	6.5	3.6	3.6	3.6	.0	8.6	100.0	

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

NOVEMBER

AREA 0013 RANGOON
14.4N 96.0E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	4.0	.0	.0	.0	8.0	.0	12.0	88.0	25
06009	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	5.0	95.0	20
12015	.0	.0	.0	3.7	.0	7.4	.0	.0	.0	.0	11.1	88.9	27
18021	.0	.0	.0	.0	7.1	3.6	.0	.0	.0	.0	10.7	89.3	28
TOT	0	0	0	1	3	3	0	0	3	0	10	90	100
PCT	.0	.0	.0	1.0	3.0	3.0	.0	.0	3.0	.0	10.0	90.0	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) 1/4 HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	9.1	.0	13.6	77.3	22
06009	.0	.0	.0	.0	6.3	93.8	16
12015	.0	.0	.0	.0	9.1	90.9	22
18021	.0	4.2	.0	.0	12.5	83.3	24
TOT	0	1	2	0	9	72	84
PCT	.0	1.2	2.4	.0	10.7	85.7	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	< 150 CEILING	< 600 CEILING	< 1000 AND 5+	1000+ AND 5+	NH < 5/8 TOTAL OBS
00003	.0	.0	9.1	4.5	22
06009	.0	.0	.0	6.3	16
12015	.0	.0	.0	9.1	22
18021	.0	4.2	4.2	12.5	24
TOT	0	1	3	7	84
PCT	.0	1.2	3.6	8.3	100.0

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PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

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14.4N 96.0E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	1.1	.0	4.3	5.4	3.2	.0			13	14.0
80/84	.0	.0	.0	2.2	15.1	31.2	26.9	3.2			73	78.5
75/79	.0	.0	.0	.0	.0	2.2	3.2	2.2			7	7.5
TOTAL	.0	.0	1.1	2.2	19.4	38.7	33.3	5.4			93	100.0
PCT	.0	.0	1.1	2.2	19.4	38.7	33.3	5.4				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											
N	NE	E	SE	S	SW	W	NW	VAR	CALM		
.8	3.5	4.3	1.1	1.1	.0	.0	.0	.0	3.2		
4.8	22.8	24.7	8.3	5.4	.5	2.2	1.1	.0	8.6		
1.1	1.6	1.6	.0	1.1	.0	2.2	.0	.0	.0		
6.7	28.0	30.6	9.4	7.5	.5	4.3	1.1	.0	11.8		

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	88	86	85	82	78	77	74	81.9	125		
06009	90	88	87	83	79	77	75	83.1	345		
12015	86	85	85	82	79	77	75	82.4	230		
18021	87	86	84	82	78	77	76	81.7	291		
TOT	90	88	86	82	79	77	74	82.4	991		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS	
00003	.0	.0	.0	4.8	14.3	19.0	52.4	9.5	80	21	
06009	.0	.0	.0	9.1	13.6	45.5	27.3	4.5	74	22	
12015	.0	.0	.0	.0	30.4	52.2	13.0	4.3	74	23	
18021	.0	.0	.0	.0	21.3	37.5	37.5	3.1	78	32	
TOT	.0	.0	.0	3	20	38	32	5	76	98	

PERIOD: (PRIMARY) 1922-1966
(OVER-ALL) 1906-1966

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	MO FOG
76	80	84	88	92				
11/13	.0	.0	.2	.0	.0	1	.0	.2
9/10	.0	.0	.6	.0	.0	3	.0	.6
7/8	.0	.0	.8	.2	.0	5	.0	1.0
5	.0	.0	2.3	.6	.4	16	.0	3.3
4	.0	.6	1.5	.6	.0	13	.0	2.7
3	.0	.0	1.0	.4	.0	7	.0	1.5
2	.0	.2	7.7	3.5	.0	55	.0	11.4
1	.0	.2	1.0	.4	.0	8	.0	1.7
0	.0	.8	28.3	3.3	.0	156	.0	32.4
-1	.0	.2	5.0	.0	.0	25	.0	5.2
-2	.0	4.0	22.9	.6	.0	132	.2	27.2
-3	.0	1.0	1.0	.0	.0	10	.0	2.1
-4	.2	4.0	3.3	.0	.0	36	.0	7.5
-5	.2	1.7	.0	.0	.0	9	.0	1.9
-6	.0	.4	.0	.0	.0	2	.0	.4
-7/-8	.2	.4	.0	.0	.0	3	.0	.6
TOTAL	3	65	264	47	2	481	1	480
PCT	.6	13.5	75.7	9.8	.4	100.0	.2	99.8

PERIOD: (OVER-ALL) 1963-1966

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TABLE 18

AREA 0013 RANGOON
14.4N 96.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										PCT	48+	PCT	48+	NE	34-47	PCT
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33							
<1	4.8	.0	.0	.0	.0	.0	4.8	.0	4.8	.0	.0	.0	.0	.0	.0	.0	4.8
1-2	.0	.0	4.8	.0	.0	.0	4.8	.0	14.5	.0	.0	.0	.0	.0	.0	.0	14.5
3-4	.0	4.8	.0	.0	.0	.0	4.8	.0	.0	4.8	.0	.0	.0	.0	.0	.0	4.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	3.6	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.8	4.8	8.4	.0	.0	.0	18.1	.0	19.3	6.0	.0	.0	.0	.0	.0	.0	25.3

HGT	1-3	4-10	11-21	F	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	9.6	.0	.0	.0	.0	.0	.0	9.6	.0	.0	.0	.0	.0	.0	.0
1-2	.0	4.8	4.8	.0	.0	.0	.0	9.6	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	9.6	4.8	4.8	.0	.0	.0	.0	19.3	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1966

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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	3.6	.0	.0	.0	.0	3.6	.0	1.2	.0	.0	.0	.0	1.2
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	8.4	.0	.0	.0	8.4	.0	.0	1.2	.0	.0	.0	1.2
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.6	8.4	.0	.0	.0	12.0	.0	1.2	1.2	.0	.0	.0	2.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	4.8
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	4.8

PERIOD: (OVER-ALL) 1963-1966

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TABLE 15 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PC1	
<1	36.4	4.5	.0	.0	.0	.0	40.9	22
1-2	.0	22.7	9.1	.0	.0	.0	31.8	
3-4	.0	9.1	4.5	.0	.0	.0	13.6	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	9.1	.0	.0	.0	9.1	
8-9	.0	.0	4.5	.0	.0	.0	4.5	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	36.4	36.4	27.3	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	10.3	36.8	10.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40	2
6-7	.0	1.5	5.9	1.5	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	4
8-9	.0	1.5	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	4
10-11	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	2
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	2
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDET	19.1	2.9	1.5	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
TOTAL	20	29	13	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17	68	1
PCT	29.4	42.6	19.1	4.4	2.9	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2

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PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1856-1966

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	PCPN	SNOW	OTHER					PCPN	FOG	SMOKE	DUST	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	20.2
NE	.3	.1	.0	.0	.0	.0	.0	.0	.4	.0	.3	.0	.0	.0	.0	41.1
E	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	21.3
SE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	3.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
TOT OBS	3	1	0	0	0	0	0	0	.0	4	.5	.0	.0	.0	.0	456
TOT PCT	.6	.2	.0	.0	.0	.0	.0	.0	.9		1.1	.0	.0	.0	.0	98.1

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TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	PCPN	SNOW	OTHER					PCPN	FOG	SMOKE	DUST	
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	98.2
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0
12015	.9	.0	.0	.0	.0	.0	.0	.0	.9	.0	.9	.0	.0	.0	.0	98.1
18022	1.8	.9	.0	.0	.0	.0	.0	.0	2.7	4	3.6	.0	.0	.0	.0	93.6
TOT	3	1	0	0	0	0	0	0	.8		6	.0	.0	.0	.0	464
PCT	.3	.2	.0	.0	.0	.0	.0	.0	.8		1.3	.0	.0	.0	.0	97.9

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PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1856-1966

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)							TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00				03	06	09	12	15	18	21	
N	2.5	15.6	2.4	.3	.0	.0	.0	21.8	7.5	18.6	26.5	19.5	20.4	9.3	25.0	20.2	26.2	
NE	4.8	25.7	7.5	.1	.0	.0	.0	39.0	7.9	37.2	45.7	43.7	42.5	27.9	37.3	30.9	38.8	
E	2.3	11.6	6.3	.3	.0	.0	.0	20.4	9.0	24.4	16.7	28.9	22.8	35.5	12.0	17.0	15.7	
SE	1.4	2.1	1.6	.1	.0	.0	.0	5.2	8.4	8.3	6.2	3.9	4.8	11.6	5.3	6.5	2.8	
S	.5	1.1	.2	.1	.0	.0	.0	1.9	6.4	3.2	1.2	1.1	1.4	4.1	3.5	2.5	.7	
SW	.5	.4	.1	.0	.0	.0	.0	.9	3.8	.0	.0	.3	1.0	4.7	1.4	1.1	.7	
W	.9	1.0	.1	.1	.0	.0	.0	2.1	5.5	1.9	.0	.0	1.7	.0	2.8	6.1	2.4	
NW	.7	2.7	.2	*	.0	.0	.0	3.6	6.0	3.8	1.2	1.4	1.4	4.7	3.5	8.8	4.9	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	5.0	559	165	8	0	0	900	5.0	.0	2.6	2.5	1.1	4.1	2.3	9.2	6.9	7.7	
TOT OBS	167	62.1	18.4	.9	.0	.0	.0	100.0	7.3	39	81	174	147	43	142	131	143	
TOT PCT	18.6							100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21	
N	10.2	11.0	.6	.0	.0	.0	21.8	7.5	24.0	19.9	19.9	21.4	23.4				
NE	16.4	21.1	1.6	.0	.0	.0	39.0	7.9	42.9	43.1	43.1	35.1	35.0				
E	7.7	10.8	2.0	.0	.0	.0	20.4	9.0	19.2	26.1	26.1	17.4	16.3				
SE	2.3	2.4	.6	.0	.0	.0	5.2	8.4	6.9	4.3	4.3	6.8	4.6				
S	1.3	.6	.1	.0	.0	.0	1.9	6.4	1.9	1.2	1.2	3.6	1.6				
SW	.9	.1	.0	.0	.0	.0	.9	3.8	.0	.6	.6	2.2	1.9				
W	1.6	.4	.1	.0	.0	.0	2.1	5.5	.6	.8	.8	2.2	4.2				
NW	2.5	1.1	*	.0	.0	.0	3.6	6.0	2.1	1.4	1.4	3.8	6.8				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	5.0	426	44	0	0	900	5.0	.0	2.5	2.5	2.5	7.6	7.3				
TOT OBS	430	47.3	4.9	.0	.0	.0	100.0	7.3	120	321	185	274					
TOT PCT	47.8				.3	.3	100.0		100.0	100.0	100.0	100.0	100.0				

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
0000	2.5	8.3	60.8	25.8	2.5	.0	.0	8.9	100.0	120
0600	2.5	13.4	62.9	20.2	.9	.0	.0	7.8	100.0	321
1200	7.6	15.1	67.6	9.7	.0	.0	.0	6.3	100.0	185
1800	7.3	15.0	58.0	19.0	.7	.0	.0	7.2	100.0	274
TOT	45	122	559	166	8	0	0	7.5	100.0	900
PCT	5.0	13.6	62.1	18.4	.9	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	3.1	3.5	3.5	.0	10.1	3.6
NE	17.1	7.5	7.5	.0	32.1	2.8
E	11.0	9.2	4.8	3.5	28.5	3.7
SE	.4	6.6	7.5	.0	14.5	4.8
S	.0	1.3	1.3	.0	2.6	5.0
SW	1.8	.0	.0	.0	1.8	1.0
W	.0	.0	1.3	.0	1.3	6.0
NW	1.8	.0	.0	.0	1.8	2.8
VAR	.0	.0	.0	.0	.0	2.0
CALM	5.3	.0	1.8	.0	7.1	2.0
TOT OBS	23	16	16	2	57	3.4
TOT PCT	40.4	28.1	28.1	3.5	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH > 478
AND OCCURRENCE OF NH < 578 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3499	4999	5000	6499	7999	8000+	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8	1.8	.0	.0	.0	.0	.0	6.6	57
NE	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8	1.8	.0	.0	.0	.0	.0	28.5	100.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.5	
SE	.0	.0	.0	.0	.0	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	10.5	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	1.3	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	
TOT OBS	0	0	0	0	0	0	1	1.8	5.3	5.3	3	3	0	0	0	0	50	57
TOT PCT	.0	.0	.0	.0	.0	.0	1.8	5.3	5.3	5.3	5.3	5.3	.0	.0	.0	.0	87.7	100.0

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1856-1966

DECEMBER

AREA 0013 RANGDON
14.3N 96.0E

TABLE 7

CUMULATIVE PCT. FREQ. OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)									
	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50%	OR >0		
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0		
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0		
OR >3500	.0	.0	.0	.0	.0	.0	.0	.0		
OR >2000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		
OR >1000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0		
OR >600	10.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7		
OR >300	10.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7		
OR >150	10.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7		
OR >0	10.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7		
TOTAL	6	7	7	7	7	7	7	7		

TOTAL NUMBER OF OBS: 60 PCT FREQ NH < 5/8: 88.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)									
0	1	2	3	4	5	6	7	8	TOTAL OBS
17.4	30.4	26.1	4.3	11.6	4.3	2.9	2.9	.0	.0
									69

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PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1856-1966

AREA 0013 RANGOON
14.3N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/ <1 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	
2<5 NO PCP	.2	.3	.3	.1	.0	.0	.0	.0	.0	.0	.9	
TOT %	.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	1.1	
PCP	.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.6	
5<10 NO PCP	1.7	6.5	.9	.6	.5	.0	.6	.2	.0	.4	11.4	
TOT %	1.7	6.9	1.1	.6	.5	.0	.6	.2	.0	.4	12.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10+ NO PCP	18.9	34.6	20.3	3.7	1.3	1.2	1.6	3.1	.0	2.4	86.9	
TOT %	18.9	34.6	20.3	3.7	1.3	1.2	1.6	3.1	.0	2.4	86.9	
TOT OBS	20.8	41.8	21.7	4.6	1.8	1.2	2.2	3.2	.0	2.8	100.0	465
TOT PCT												

PERIOD: (PRIMARY) 1921-1966
(COVER-ALL) 1856-1966

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AREA 0013 RANGOON
14.3N 96.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY 'NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1
	4-10	.1	.1	.1	.2	.0	.0	.0	.0	.0	.0	.6	.6
	11-21	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.4	.2	.3	.0	.0	.0	.0	.0	.0	1.0	1.0
5<10	0-3	.0	1.0	.1	.1	.0	.0	.1	.0	.0	.3	1.7	1.7
	4-10	1.0	2.6	.3	.3	.4	.0	.3	.3	.0	.0	4.8	4.8
	11-21	.1	.9	.4	.0	.0	.0	.0	.1	.0	.0	1.6	1.6
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	1.1	4.5	.8	.4	.4	.0	.4	.1	.0	.3	8.1	8.1
10+	0-3	2.7	3.7	1.9	1.1	.5	.5	.6	.7	.0	5.4	17.1	17.1
	4-10	16.3	25.6	11.5	1.2	.8	.5	1.0	2.8	.0	.0	59.7	59.7
	11-21	1.3	5.3	5.3	1.1	.1	.1	.1	.1	.0	.0	13.4	13.4
	22+	.3	.0	.1	.0	.0	.0	.1	.3	.0	.0	.6	.6
	TOT %	20.5	34.5	18.8	3.4	1.5	1.1	1.9	3.7	.0	5.4	90.8	90.8
TOT OBS													707
TOT PCT		21.8	39.6	19.8	4.1	1.8	1.1	2.3	3.8	.0	5.7	100.0	

PERIOD: (PRIMARY) 1921-1966
(OVER-ALL) 1856-1966

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	5.6	5.6	.0	.0	.0	.0	16.7	83.3	18
06009	.0	.0	.0	.0	.0	6.3	.0	.0	.0	.0	6.3	93.8	16
12015	.0	.0	.0	.0	11.1	5.6	.0	.0	.0	.0	16.7	83.3	18
18021	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	17
TOT PCT	0 .0	0 .0	0 .0	1 1.4	3 4.3	3 4.3	0 .0	0 .0	0 .0	0 .0	7 10.1	62 89.9	69 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	.0	6.3	93.8	16
06009	.0	.0	.0	.0	.0	100.0	15
12015	.0	.0	.0	6.3	.0	93.8	16
18021	.0	.0	.0	7.7	.0	92.3	13
TOT PCT	0 .0	0 .0	0 .0	2 3.3	1 1.7	57 95.0	60 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 < 50YD	< 600 < 1	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	6.3	12.5	81.3	16
06009	.0	.0	.0	6.7	93.3	15
12015	.0	.0	6.3	18.8	75.0	16
18021	.0	.0	7.7	.0	92.3	13
TOT PCT	0 .0	0 .0	3 5.0	6 10.0	51 85.0	60 100.0

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PERIOD: (PRIMARY) 1921-1966
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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	90-100	90-100		
85/89	.0	.0	.0	.0	2.3	3.4	1.1	.0	.0	.0	6	6.9
80/84	.0	.0	.0	2.3	5.7	26.7	27.6	2.3	.0	.0	58	66.7
75/79	.0	.0	.0	1.1	3.4	11.5	5.7	3.4	.0	.0	22	25.3
70/74	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	1	1.1
TOTAL	.0	.0	.0	3	10	39	30	5	.0	.0	87	100.0
PCT	.0	.0	.0	3.4	11.5	44.8	34.5	5.7	.0	.0		

TABLE 14

TEMP F	PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										TOTAL OBS	PCT FREQ
	N	NE	E	SE	S	SW	W	NW	VAR	CALM		
85/89	.0	1.7	1.7	.3	1.4	.6	.0	1.1	.0	.0	6	6.9
80/84	8.9	25.0	12.9	8.0	2.0	.0	1.1	2.9	.0	.0	58	66.7
75/79	6.9	12.6	1.1	1.1	.0	2.3	1.1	.0	.0	.0	22	25.3
70/74	.6	.0	.0	.0	.0	.0	.0	.6	.0	.0	1	1.1
TOTAL	16.4	39.4	15.8	9.5	3.4	2.9	2.3	4.5	.0	.0	87	100.0

TABLE 15

HOUR (GMT)	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
	MAX	99%	95%	50%	5%	1%	MIN	MEAN	MEAN	TOTAL	
0000	84	83	83	80	74	73	72	79.6	78	20	
0600	90	88	86	82	76	73	72	81.4	73	26	
1200	86	85	84	81	77	72	72	80.2	78	21	
1800	90	84	82	79	74	72	70	79.1	78	26	
TOT	90	86	84	81	75	72	70	80.2	77	93	

TABLE 16

HOUR (GMT)	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								TOTAL OBS	
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		
0000	.0	5.0			50.0	30.0	10.0		78	20
0600	.0	.0	23.1		61.5	15.4		.0	73	26
1200	.0	4.8	14.3		28.6	38.1	14.3		78	21
1800	.0	3.8	11.5		34.6	46.2	3.8		78	26
TOT	.0	3	13		41	30	6		77	93

PERIOD: (PRIMARY) 1921-1966
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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	TOT	W	WD
	72	76	80	84	88	92		FOG	FOG
7/8	.0	.0	.2	1.3	.0	.0	7	.0	1.5
5	.0	.0	.4	2.4	.7	.4	18	.0	4.0
4	.0	.0	1.1	3.5	2.2	.2	32	.0	7.1
3	.0	.0	.0	.0	.2	.0	1	.0	.2
2	.0	.9	2.6	8.4	1.3	.0	60	.0	13.2
1	.0	.0	1.1	1.1	.0	.0	10	.0	2.2
0	.4	2.0	7.3	19.4	.4	.0	134	.0	29.6
-1	.0	.0	3.5	2.2	.0	.0	26	.0	5.7
-2	.2	1.1	10.3	9.3	.2	.0	98	.0	21.6
-3	.0	.4	1.3	.4	.6	.0	10	.0	2.2
-4	.2	1.8	3.5	3.1	.0	.0	39	.0	8.6
-5	.0	1.3	1.1	.4	.0	.0	13	.0	2.9
-7/-8	.4	.2	.2	.0	.0	.0	4	.0	.9
-9/-10	.0	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	6	36	151	234	23	3	453	0	453
PCT	1.3	7.9	33.3	51.7	5.1	.7	100.0		100.0

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	7.4	.0	.0	.0	.0	7.4	.0	7.4	.0	.0	.0	.0	7.4
1-2	.0	.0	.0	.0	.0	.0	.0	.0	9.3	.0	.0	.0	.0	9.3
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	7.4	.0	.0	.0	.0	7.4	.0	16.7	.0	.0	.0	.0	16.7

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	13.0	.0	.0	.0	.0	13.0	.0	.0	.0	.0	.0	.0	9.3
1-2	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.4	.0	.0	.0	7.4
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8	.0	.0	.0	16.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	13.0	.0	.0	.0	.0	13.0	9.3	1.9	22.2	.0	.0	.0	33.3

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 TABLE 18
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PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	5.6	.0	.0	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	5.6	.0	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	5.6	5.6	.0	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	7.4	.0	.0	.0	.0	7.4	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	7.4	.0	.0	.0	.0	7.4	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1966

DECEMBER

AREA 0013 RANGDON
14.3N 96.0E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)								TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	26.7	26.7	.0	.0	.0	.0	53.3	
1-2	.0	20.0	6.7	.0	.0	.0	26.7	
3-4	.0	6.7	13.3	.0	.0	.0	20.0	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	26.7	53.3	20.0	.0	.0	.0	100.0	15

PERIOD: (OVER-ALL) 1949-1966

TABLE 1c

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-15	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	10.0	34.0	14.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	2
6-7	.0	2.0	6.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	4
8-9	.0	2.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	5
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDEX	16.0	2.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
TOTAL	13	20	13	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1
PCT	26.0	40.0	26.0	6.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	2

ANNUAL
PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

AREA 0013 RANGOON 14.4N 96.0E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE NO	DUST BLWG	SIG BLWG	
N	.1	*	*	.0	.0	.0	.0	.1		.1	.1	.0	.0	.0	
NE	.1	*	*	.0	.0	.0	.0	.1		.1	.1	.0	.0	.0	
E	.1	*	*	.0	.0	.0	.0	.2		*	*	.0	.0	.0	
SE	.3	.1	*	.0	.0	.0	.0	.4		*	*	.0	.0	.0	
S	.7	.2	.2	.0	.0	.0	.0	1.2		.1	*	.0	.0	.0	
SW	2.5	1.3	.5	.0	.0	.0	*	4.3		.2	.1	.0	.0	.0	
W	1.5	.3	.2	.0	.0	.0	.0	2.0		.1	.1	.0	.0	.0	
NW	.2	.1	.1	.0	.0	.0	.0	.3		.1	*	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0		.1	.1	.0	.0	.0	
CALM	*	*	*	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	
TOT OBS	384	142	71	0	0	0	1	8.7	596	59	34	31	0	2.8	6876
TOT PCT	5.0	2.1	1.0	.0	.0	.0	*			.9	.5	.4	.0	6165	89.6

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHR	RAIN SHR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FOG PCPN	SMOKE NO	DUST BLWG	SIG BLWG	
00003	9.0	2.8	1.3	.0	.0	.0	.0	13.1		.7	.5	.8	.0	.0	
06009	5.6	1.2	.7	.0	.0	.0	*	7.5		*	.6	.5	.0	.0	
12015	4.3	2.0	.9	.0	.0	.0	.0	7.1		.9	.3	.3	.0	.0	
18021	5.9	3.3	1.6	.0	.0	.0	.0	10.3		2.5	.4	.7	.0	.0	
TOT	394	149	71	0	0	0	1	613		65	34	40	0	6263	7005
PCT	5.7	2.1	1.0	.0	.0	.0	*	8.8		.9	.5	.5	.0	.0	

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PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970AREA 0013 RANGOON
14.4N 96.0E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	2.4	7.5	.9	*	.0	.0	13.0	10.8	6.1	13.5	13.6	13.6	9.8	8.6	8.5	8.9	11.5
NE	2.1	7.3	1.3	*	.0	.0	10.4	10.6	5.6	12.8	14.2	14.2	10.7	8.4	9.4	7.8	9.9
E	1.2	4.3	1.2	.1	.0	.0	6.5	6.8	6.3	7.3	9.7	9.7	7.6	7.8	5.1	4.5	6.0
SE	1.2	3.0	.7	.1	.0	.0	5.1	4.9	6.9	5.1	5.8	5.8	5.4	5.3	4.5	3.9	4.6
S	1.6	6.1	2.7	.2	*	.0	9.9	10.7	7.7	8.6	10.1	10.1	13.7	13.0	11.7	10.2	8.0
SW	2.1	12.7	9.5	1.6	.1	.0	24.0	25.8	8.2	22.1	21.0	21.0	27.2	28.9	29.1	29.1	25.1
W	1.9	9.0	4.0	.6	*	.0	15.2	15.4	8.2	14.1	12.3	12.3	13.9	15.1	17.1	17.8	17.3
NW	1.8	6.3	1.1	*	.0	.0	12.7	9.2	7.2	10.9	8.9	8.9	6.4	7.9	7.9	9.6	12.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALC	5.7	74.9	28.9	34.0	12	.0	3.3	5.7	7.9	5.6	4.3	4.3	5.3	5.1	6.7	8.1	5.5
TOT OBS	2660	56.2	21.3	2.6	.1	.0	586	1101	2275	1101	2512	2512	2113	664	2275	2061	2003
TOT PCT	19.9						100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)				41+	TOTAL OBS	PCT FREQ	MEAN SPD	00 03	HOUR (GMT)						
	0-6	7-16	17-27	28-40						06 09	12 15	18 21				
N	6.7	4.0	.1	.0	.0	10.8	6.1	13.3	11.9	8.5	10.3					
NE	6.1	4.4	.2	*	.0	10.6	5.6	12.0	12.7	9.2	8.8					
E	3.5	2.9	.3	*	.0	6.8	6.3	7.1	8.8	5.7	5.2					
SE	2.8	1.8	.3	*	.0	4.9	6.9	5.1	5.6	4.7	4.2					
S	4.3	5.3	.9	.1	.0	10.7	7.7	9.1	11.7	12.0	9.1					
SW	7.0	13.8	4.8	.3	.0	25.8	8.2	22.8	23.8	29.1	27.1					
W	6.1	7.5	1.7	.1	.0	15.4	7.2	14.4	13.0	16.6	17.6					
NW	5.5	3.5	.2	*	.0	9.2	7.2	11.4	7.8	7.9	10.9					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALC	5.7	5.718	11.58	61	.0	5.7	7.9	4.8	4.8	6.3	6.8					
TOT OBS	6383	43.1	8.7	.4	.0	100.0		1687	4625	2939	4069					
TOT PCT	47.7				.0	100.0		100.0	100.0	100.0	100.0					

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TABLE 4
PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

AREA 2013 RANGDON
14.4N 96.0E

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL, 1855-1970)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+		
0000	4.8	14.6	57.2	20.8	2.7	.0	.0	8.0	100.0
0600	4.8	14.3	56.2	21.9	2.8	.1	.0	8.1	100.0
1200	6.3	13.2	57.1	21.1	2.2	*	.0	7.9	100.0
1800	6.8	14.5	55.0	21.0	2.5	.2	.0	7.8	100.0
TOT	761	1899	7479	2829	340	12	0	7.9	1320
PCT	5.7	14.2	56.2	21.3	2.6	.1	.0	100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER	
						OBSCD	OBS
N	6.3	2.4	2.2	.1		3.5	
NE	5.2	2.5	3.0	.0		3.1	
E	2.6	1.4	2.7	.5		3.4	
SE	.8	1.7	2.4	.1		4.1	
S	1.5	2.8	3.5	3.2		4.0	
SW	3.3	3.1	7.7	12.0		5.1	
W	2.8	1.7	3.2	4.8		3.9	
WNW	4.2	2.9	2.5	.8		3.0	
VAR	.0	.0	.0	.0		.0	
CAL	3.5	1.1	1.0	.4		3.1	
TOT OBS	250	169	267	198	864	4.4	
TOT PCT	30.2	19.5	28.4	21.9	100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 478)
AND OCCURRENCE OF NH < 578 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-6	TOTAL OBS	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 ANY HGT	TOTAL OBS
N	6.3	2.4	2.2	1.1		3.5	.0	.0	.0	.0	.2	.3	.3	.2	.0	.3	9.8	
NE	5.2	2.5	3.0	.0		3.1	.0	.0	.0	.0	.5	.5	*	.0	.0	.0	9.4	
E	2.9	1.4	2.7	.5		3.4	.1	.0	.1	.2	.1	.2	.1	.0	.1	.0	6.2	
SE	.8	1.7	2.4	.1		4.1	.0	.0	.0	.2	.2	1.0	.0	.0	.0	.0	4.5	
S	1.5	2.8	3.5	3.2		4.0	.0	.0	.0	.7	1.6	3.6	.8	.3	.0	*	7.1	
SW	3.3	3.1	7.7	12.0		4.0	.0	.1	.3	1.5	5.1	.9	.2	.4	.0	.2	14.4	
W	2.8	1.7	3.2	4.8		5.1	.0	.0	.4	1.3	1.7	.2	.2	.0	.0	.0	7.3	
WNW	4.2	2.9	2.5	.8		3.9	.0	.0	.1	.1	1.4	.2	.2	.0	.0	.0	8.5	
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CAL	3.5	1.1	1.0	.4		3.1	.0	.0	.0	.1	.3	.2	.2	.1	.0	.0	5.1	
TOT OBS	250	195	247	198	864	4.4	1	1	8	41	99	57	17	17	6	5	622	864
TOT PCT	30.2	19.5	28.4	21.9	100.0		.1	.1	.9	4.2	11.1	6.8	2.0	1.1	.6	.7	72.4	100.0

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >= /8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	TK >0
OR >6500	1.1	1.2	1.2	1.4	1.4	1.4	1.4	1.4
OR >5000	2.2	2.3	2.3	2.5	2.5	2.5	2.5	2.5
OR >3500	3.7	4.2	4.3	4.5	4.5	4.5	4.5	4.5
OR >2000	8.3	9.8	10.9	11.1	11.1	11.1	11.1	11.1
OR >1000	15.2	19.2	21.7	21.9	22.1	22.1	22.1	22.1
OR >600	17.4	22.3	25.6	26.0	26.2	26.2	26.2	26.2
OR >300	17.5	22.8	26.4	26.8	27.1	27.1	27.1	27.1
OR >150	17.6	22.9	26.5	26.9	27.2	27.2	27.2	27.2
OR >0	17.6	23.0	26.7	27.1	27.3	27.3	27.3	27.3
TOTAL	157	206	239	243	245	245	245	245

TOTAL NUMBER OF OBS: 894

PCT FREQ NH <5/8: 72.6

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
17.5	16.3	16.7	12.7	9.8	7.1	5.5	5.5	8.7	.1	1113	

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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AREA 0013 RANGDOON
14,4N 96.0E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	PCP	.0	.0	.0	*	.1	*	.0	.0	.0	.1	
	ND PCP	.0	.0	.0	.0	*	*	.0	.0	.0	.1	
	TOT %	.0	.0	.0	*	.1	*	.0	.0	.0	.2	
1/2<1	PCP	*	.0	.0	*	.1	.1	*	.0	.0	.2	
	ND PCP	*	.0	.0	.0	*	*	.0	.0	.0	.1	
	TOT %	*	.0	.0	*	.1	.1	*	.0	.0	.3	
1<2	PCP	.0	.0	*	*	.4	.3	*	.0	.0	.9	
	ND PCP	.1	.1	*	.1	.2	.1	*	.0	.0	.7	
	TOT %	.1	.1	.1	.1	.6	.5	.1	.0	*	1.5	
2<5	PCP	*	*	.1	.3	.9	.6	.1	.0	*	2.1	
	ND PCP	*	.1	*	.2	.7	.2	*	.0	*	1.4	
	TOT %	.1	.1	.2	.5	1.5	.8	.1	.0	.1	3.4	
5<10	PCP	*	.1	.2	.5	2.3	.7	.2	.0	*	4.1	
	ND PCP	1.7	1.6	1.2	2.6	7.5	3.5	1.7	.0	.3	21.2	
	TOT %	1.7	1.7	1.4	3.1	9.8	4.2	1.9	.0	.4	25.3	
10+	PCP	*	.1	*	.3	.6	.3	*	.0	.0	1.4	
	ND PCP	9.5	9.1	5.9	6.9	13.5	9.5	7.4	.0	2.5	67.9	
	TOT %	9.6	9.1	5.9	7.2	14.1	9.8	7.4	.0	2.5	69.3	
TOT OBS												6876
TOT PCT	11.5	11.0	7.2	5.4	11.0	26.2	15.3	9.5	.0	2.9	100.0	

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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AREA 0013 RANGOON
14.4N 96.0E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	*	.0	.0	.0	*	.0	*	*	.0	*	*	*
	4-10	*	.0	.0	.0	*	.0	*	.1	.0	*	.1	.1
	11-21	.0	.0	.0	.0	*	.1	*	.0	.0	*	.0	.0
	22+	.0	.0	.0	.0	*	.0	.0	.1	.0	*	.0	.0
	TOT %	*	.0	.0	.0	*	.1	.1	.1	.0	*	.3	.3
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	*
	4-10	*	.0	.0	.0	*	.0	*	.0	.0	*	.1	.1
	11-21	.0	.0	.0	.0	*	.0	*	.0	.0	*	.1	.1
	22+	.0	.0	.0	.0	*	.0	*	.0	.0	*	.1	.1
	TOT %	*	.0	.0	.0	*	.1	.1	.0	.0	*	.3	.3
1<2	0-3	*	*	*	*	*	*	*	*	.0	*	.1	.1
	4-10	.1	*	*	*	.1	.1	.2	*	.0	*	.5	.5
	11-21	*	.0	*	*	*	.3	.2	*	.0	*	.6	.6
	22+	.0	.0	*	.0	.1	.1	.1	.0	.0	*	.1	.1
	TOT %	.1	*	*	.1	.1	.6	.4	.1	.0	*	1.4	1.4
2<5	0-3	*	*	*	.1	.1	.1	.1	*	.0	.1	.5	.5
	4-10	.1	.1	.1	.1	.2	.6	.3	.1	.0	.1	1.5	1.5
	11-21	*	*	*	.1	.3	.9	.4	.1	.0	*	1.7	1.7
	22+	.0	.0	*	*	*	.3	.1	*	.0	*	.5	.5
	TOT %	.1	.1	.1	.2	.6	1.9	.9	.1	.0	.1	4.1	4.1
5<10	0-3	.4	.3	.2	.2	.2	.3	.3	.2	.0	.4	2.6	2.6
	4-10	.8	.8	.5	.7	1.2	3.0	1.6	.9	.0	*	9.4	9.4
	11-21	.1	.1	.1	.1	.8	3.6	1.3	.3	.0	*	6.5	6.5
	22+	.0	*	*	*	.1	.6	.2	*	.0	*	1.0	1.0
	TOT %	1.3	1.2	.9	1.0	2.3	7.5	3.4	1.4	.0	.4	19.5	19.5
10+	0-3	2.0	1.8	1.1	1.1	1.2	1.7	1.5	1.6	.0	4.9	16.8	16.8
	4-10	6.8	6.7	3.8	2.2	4.7	9.0	6.9	5.3	.0	*	45.4	45.4
	11-21	.5	.9	1.1	.4	1.3	4.5	2.2	.6	.0	*	11.5	11.5
	22+	*	*	*	*	*	.4	.2	*	.0	*	.8	.8
	TOT %	9.3	9.3	6.0	3.7	7.2	15.6	10.8	7.6	.0	4.9	74.4	74.4
	TOT OBS												10412
	TOT PCT	10.8	10.7	7.0	5.0	10.4	25.7	15.6	9.3	.0	5.5	100.0	

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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AREA D013 RANGOGN
14.4N 96.0E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	4.9	11.5	5.8	1.5	2.2	1.2	.5	27.7	72.3	272
06009	.0	.0	1.5	1.8	9.0	6.6	1.7	.5	1.3	.5	22.9	77.1	249
12015	.5	.4	1.3	3.0	7.7	4.7	1.6	.7	.3	.9	21.1	78.9	273
18021	.0	.0	.5	3.8	9.0	6.1	2.2	1.1	.0	.5	23.1	76.9	250
TOT PCT	1 .1	1 .1	8 .8	42 3.7	100 9.2	57 5.8	18 1.7	7 1.0	7 .7	5 .6	246 23.5	798 76.5	1044 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	1.1	5.4	15.0	78.6	240
06009	.0	.5	.0	4.1	8.2	87.2	206
12015	.0	.3	.6	4.2	11.6	83.5	246
18021	.0	.3	.0	5.7	13.5	80.5	203
TOT PCT	0 .0	3 .4	4 .4	43 4.7	109 12.2	736 82.3	895 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	10.4	22.5	67.1	240
06009	.0	2.3	6.6	19.5	73.8	206
12015	.5	2.6	8.4	16.5	75.0	246
18021	.7	1.6	11.8	19.6	68.5	203
TOT PCT	2 .3	14 1.6	88 9.5	169 19.1	638 71.4	895 100.0

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PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970AREA 0013 RANGDON
14.4N 95.0E

TABLE 13

TEMP F		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.1	.3	.1	.0	.0		5	.5	
85/89	.0	.0	.0	.1	.4	1.5	6.4	3.3	.4		148	12.1	
80/84	.0	.0	.0	.0	1.5	5.8	17.3	35.7	8.7		781	68.9	
75/79	.0	.0	.0	.0	.4	1.7	4.2	4.4	6.1		181	16.9	
70/74	.0	.0	.0	.0	.0	.5	.6	.3	.1		15	1.6	
TOTAL	0	0	1	24	104	311	502	188			1130	100.0	
PCT	.0	.0	.1	2.3	9.8	28.7	43.7	15.4					

TABLE 14

TEMP F		PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										TOTAL OBS	PCT FREQ
		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.0	.0	.0	.0	.0		5	.5	
85/89	.0	.0	.0	.0	.0	.0	.0	.0	.0		148	12.1	
80/84	.0	.0	.0	.0	.0	.0	.0	.0	.0		781	68.9	
75/79	.0	.0	.0	.0	.0	.0	.0	.0	.0		181	16.9	
70/74	.0	.0	.0	.0	.0	.0	.0	.0	.0		15	1.6	
TOTAL	0	0	1	24	104	311	502	188			1130	100.0	
PCT	.0	.0	.1	2.3	9.8	28.7	43.7	15.4					

TABLE 15

MEANS, EXTREMES AND P-CENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	90	85	84	81	77	74	68	81.0	1673		
06009	94	89	87	83	78	76	70	82.6	4560		
12015	93	87	85	82	78	75	72	81.7	2932		
18021	90	85	84	81	77	75	68	80.7	4041		
TOT	94	88	85	82	77	75	68	81.6	13206		

TABLE 16

HOUR (GMT)		PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
		0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN		
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	82	254
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	78	261
12015	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80	276
18021	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	83	403
TOT	0	0	0	0	0	0	0	0	0	0	81	1194

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	65	69	73	77	81	85	89	92	TOT	W	WD
	68	72	76	80	84	88	92		FUG	FUG	FUG
11/13	.0	.0	.0	.0	.1	.1	*	.0	10	.0	.2
9/10	.0	.0	.0	.0	.2	.1	*	*	25	.0	.4
7/8	.0	.0	.0	*	.6	.1	.1	*	60	.0	.9
6	.0	.0	.0	.0	*	*	*	.0	6	.0	.1
5	.0	.0	.0	.1	1.2	.6	.2	*	137	.0	2.1
4	.0	.0	.0	.4	2.8	1.6	.2	.0	331	.0	5.0
3	.0	.0	.2	*	.4	.2	.0	.0	37	.0	.6
2	.0	.0	.2	1.0	9.0	2.2	.2	.0	833	.1	12.6
1	.0	.0	*	.5	1.5	.4	.0	.0	154	*	2.4
0	.0	.1	.6	3.9	23.0	2.8	.1	.0	1990	.2	30.2
-1	.0	.0	.1	1.2	3.0	.4	.0	.0	311	.0	4.8
-2	.0	.2	.4	6.4	16.0	.8	.0	.0	1547	.1	23.7
3	.0	.0	.2	1.2	.9	.1	.0	.0	132	*	2.3
-4	*	.1	.8	4.3	4.4	.2	.0	.0	644	.1	9.7
-5	.0	*	.7	1.6	.9	.0	.0	.0	213	.0	3.2
-6	.0	*	.1	.1	*	.0	.0	.0	11	.0	.2
-7/-8	*	.1	.3	.5	.1	.0	.0	.0	66	.0	1.0
-9/-10	*	.1	*	.1	.0	.0	.0	.0	15	.0	.2
-11/-13	.0	.0	.1	*	.0	.0	.0	.0	6	.0	.1
TOTAL	3	226	1359	4181	672	9.6	66	3	6548	34	6514
PCT	*	.6	3.5	21.3	64.0	9.6	.9	*	100.0	.5	99.5

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TABLE 18
PERIOD: (OVER-ALL) 1963-1970

AREA 0013 RANGOON
14.4N 95.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.4	2.0	.0	.0	.0	.0	2.4	.7	2.0	.0	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	2.7
1-2	.4	4.8	1.5	.0	.0	.0	6.7	.3	3.0	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	3.3
3-4	.3	1.7	.4	.0	.0	.0	2.4	.0	.5	.8	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.3	.0	.0	.0	.3	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.2	8.5	2.2	.0	.0	.0	11.9	1.1	5.5	.9	.0	.0	.0	7.5	.0	.0	.0	.0	.0	.0	.0

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.8	.5	.0	.0	.0	.0	1.3	.8	.5	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	1.3
1-2	.0	4.5	.4	.0	.0	.0	4.9	.0	.6	.9	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	1.5
3-4	.0	.3	.0	.0	.0	.0	.3	.0	.2	1.2	.1	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.8	5.3	.1	.0	.0	.0	6.5	.8	1.8	2.2	.1	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1970

ANNUAL
TABLE 18

AREA 0013 RANGDON
14.4N 95.0E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.8	.8	.1	.0	.0	.0	1.8	1.0	.7	.3	.0	.0	.0	2.1
1-2	.3	2.8	1.3	.0	.0	.0	4.4	.8	5.8	1.0	.0	.0	.0	7.5
3-4	.0	1.6	.4	.2	.0	.0	2.2	.0	3.0	5.8	.0	.0	.0	8.8
5-6	.0	.7	.7	.0	.0	.0	1.4	.0	.2	4.3	1.0	.0	.0	6.5
7	.0	.0	.9	.0	.0	.0	.9	.0	.0	1.6	.3	.0	.0	2.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.1	5.9	3.5	.2	.0	.0	10.7	1.8	10.7	12.9	1.8	.0	.0	27.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.8	.0	.0	.0	.0	1.8	1.1	2.1	.0	.0	.0	.0	3.2
1-2	.6	2.3	.0	.0	.0	.0	2.9	.1	3.8	.1	.0	.0	.0	3.9
3-4	.0	1.4	2.7	.0	.0	.0	4.1	.0	1.1	2.5	.0	.0	.0	3.7
5-6	.0	.1	2.2	.1	.0	.0	2.5	.0	.0	.4	.0	.0	.0	.4
7	.0	.0	1.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	5.6	5.8	.1	.0	.0	12.2	1.2	7.2	3.0	.0	.0	.0	11.4

ANNUAL

AREA 0013 RANGDON
14.4N 96.0E

PERIOD: (OVER-ALL) 1963-1970

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	17.8	10.5	.4	.0	.0	.0	28.7	
1-2	2.4	25.1	4.9	.0	.0	.0	32.3	
3-4	.4	9.2	13.2	.3	.0	.0	23.0	
5-6	.0	2.4	7.6	1.1	.0	.0	11.2	
7	.0	.0	3.4	.6	.0	.0	3.9	
8-9	.0	.2	.4	.3	.0	.0	.8	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	20.6	47.4	29.8	2.2	.0	.0	100.0	
							331	

PERIOD: (OVER-ALL) 1949-1969

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	13-16	17-19	20-22	22-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	8.1	25.4	16.5	2.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	374	2
6-7	.3	3.0	6.6	5.2	3.5	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	154	4
8-9	.0	.4	.6	1.4	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	6
10-11	.0	.0	.1	.0	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	6
12-13	.0	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5
>13	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	5
INDEX	13.7	3.3	2.1	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	145	1
TOTAL	149	228	192	81	63	18	1	1	0	0	0	0	0	0	0	0	0	0	733	3
PCT	22.0	32.5	26.2	10.0	7.0	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

AREA 0013 RANGOON
14.4N 96.0E

TABLE 20
PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEG F) BY MONTH

SEA TMP DEG F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
96+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
95/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
93/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
91/92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
89/90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	*
87/88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	48	.4
85/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	293	2.3
83/84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1204	9.4
81/82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3061	23.9
79/80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5497	43.0
77/78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1791	14.0
75/76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	576	4.5
73/74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	223	1.7
71/72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74	.6
69/70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	.1
67/68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	*
65/66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
63/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
61/62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
59/60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
57/58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
55/56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
53/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
51/52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
49/50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
45/46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
43/44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
41/42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
39/40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
37/38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
35/36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
33/34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
31/32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
29/30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
27/28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
<27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	.0
TOTAL	1001	1178	1326	1155	1192	1003	1082	1059	938	1021	957	877	12789	100.0
MEAN	79.2	80.2	82.1	83.9	84.4	82.3	81.5	81.5	81.5	82.6	82.5	80.3	81.8	

PERIOD: (PRIMARY) 1916-1970
(OVER-ALL) 1855-1970

AREA 0013 PANGGON
14.4N 96.0E

TABLE 21

MO	PRESSURE (MB)										TOTAL OBS
	AVERAGE BY HOUR (GMT)										
	0000	0300	0600	0900	1200	1500	1800	2100	MEAN		
JAN	1012	1013	1012	1010	1012	1012	1012	1010	1011	532	
FEB	1012	1013	1013	1010	1012	1011	1012	1011	1011	571	
MAR	1010	1012	1011	1008	1010	1010	1010	1009	1010	673	
APR	1009	1011	1010	1007	1008	1008	1009	1008	1009	599	
MAY	1007	1009	1008	1005	1006	1007	1008	1006	1007	746	
JUN	1006	1005	1007	1004	1006	1006	1007	1005	1006	577	
JUL	1007	1006	1006	1004	1006	1006	1007	1005	1006	593	
AUG	1006	1006	1006	1005	1006	1007	1007	1006	1006	612	
SEP	1008	1009	1009	1005	1007	1007	1008	1006	1007	514	
OCT	1009	1010	1009	1007	1009	1009	1010	1008	1009	511	
NOV	1010	1012	1011	1009	1009	1011	1011	1010	1010	500	
DEC	1012	1013	1013	1010	1012	1011	1013	1010	1012	467	
ANN	1009	1010	1010	1007	1009	1009	1010	1008	1009	6895	
OBS	581	146	1543	1193	653	1105	803	871			

PERCENTILES

MO	MIN	1%	5%	25%	50%	75%	95%	99%	MAX
JAN	1004	1006	1007	1010	1011	1013	1016	1017	1020
FEB	1003	1005	1007	1010	1012	1013	1016	1017	1018
MAR	1002	1003	1005	1008	1010	1012	1015	1017	1018
APR	1000	1000	1004	1007	1009	1010	1013	1015	1018
MAY	998	999	1002	1005	1007	1008	1011	1012	1014
JUN	998	1000	1002	1004	1006	1008	1011	1013	1014
JUL	987	999	1001	1004	1006	1008	1011	1013	1015
AUG	998	1000	1002	1005	1006	1008	1011	1012	1013
SEP	1000	1001	1003	1005	1007	1009	1011	1014	1015
OCT	1001	1002	1003	1007	1009	1011	1014	1015	1017
NOV	1002	1004	1006	1009	1010	1012	1015	1016	1017
DEC	1005	1006	1007	1009	1011	1013	1016	1018	1020

JANUARY

PERIOD: PRIMARY: 1918-1971
(OVER-ALL) 1856-1971

AREA 0014 PAGODA POINT
15.5N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	SNOW	OTHER	PCPN					FG	SMOKE	DUST	NO	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	47.9
NE	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	34.0
E	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	4.8
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.9
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
TOT OBS	.0	.1	.0	.0	.0	.0	.0	.0	.2	1	.2	.0	.0	.0	.0	4.5
TOT PCT	.0	.2	.0	.0	.0	.0	.0	.0	.2	.4	.4	.0	.2	.0	.0	98.8

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
				FRZG	SNOW	OTHER	PCPN					FG	SMOKE	DUST	NO	
0003	.0	1.2	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	98.8
0609	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	99.4
1215	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	99.1
1821	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	97.7
TOT	.0	1	.0	.0	.0	.0	.0	.0	.2	1	.2	.0	.2	.0	.0	497
PCT	.0	.2	.0	.0	.0	.0	.0	.0	.2	.4	.4	.0	.4	.0	.0	98.8

PERIOD (PRIMARY) 1918-1971
(OVER-ALL) 1950-1971

JANUARY

AREA 0014 PAGODA POINT
15.5N 93.1E

TABLE 3

PERCENT-AGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										PCT FREQ	TOTAL OBS	MEAN SPD	HOUR (GMT)							P1
	0-3	4-10	11-21	22-33	34-47	48+	48+	48+	48+	48+				00	03	06	09	12	15	18	
N	3.2	29.4	11.2	.2	.0	.0	.0	.0	.0	.0	44.0	954	8.9	43.6	35.4	46.3	47.2	42.4	39.8	42.2	45.1
NE	3.2	23.2	5.5	.1	.0	.0	.0	.0	.0	.0	33.0	954	8.0	32.1	37.0	37.6	26.8	40.2	25.8	33.5	32.3
E	.7	4.7	1.6	.1	.0	.0	.0	.0	.0	.0	7.1	954	8.0	10.0	6.3	5.1	10.4	5.4	10.6	4.3	7.1
SE	.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	1.6	954	7.7	1.4	1.9	.5	2.6	4.0	3.0	1.0	1.1
S	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	954	3.3	.0	.5	.0	.0	1.8	.8	.7	.8
SW	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.5	954	6.7	.0	.5	.0	.0	.0	.8	1.3	1.1
W	.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.0	954	5.0	.0	1.0	.9	1.2	1.8	1.3	1.0	.8
NW	1.0	7.2	1.6	.1	.0	.0	.0	.0	.0	.0	9.9	954	7.8	7.9	12.5	8.6	9.2	4.5	11.9	11.3	10.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	954	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	954	8.2	70	104	198	125	56	118	150	133
TOT OBS	107	640	202	5	0	0	0	0	0	0	100.0	954	8.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT	11.2	67.1	21.2	.5	.0	.0	.0	.0	.0	.0	100.0	954	8.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	41+	41+	41+	41+	41+	41+					00	03	06	09	12	15	18
N	12.5	29.1	2.4	.0	.0	.0	.0	.0	.0	.0	43.1	46.7	40.7	43.6	43.1	46.7	40.7	43.6	43.6	43.6	43.6
NE	13.1	19.1	.8	.0	.0	.0	.0	.0	.0	.0	35.1	33.4	30.5	33.0	35.1	33.4	30.5	33.0	33.0	33.0	33.0
E	2.6	4.2	.2	.1	.1	.1	.1	.1	.1	.1	7.1	8.9	8.9	8.9	7.1	8.9	8.9	8.9	8.9	8.9	8.9
SE	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.7	1.1	3.3	1.1	1.7	1.1	3.3	1.1	1.1	1.1	1.1
S	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.1	1.1	.3	.0	1.1	1.1	1.1	1.1	1.1
SW	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	1.1	1.1	.3	.0	1.1	1.1	1.1	1.1	1.1
W	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.0	1.4	1.9	.6	1.0	1.4	1.9	1.9	1.9	1.9
NW	4.1	5.6	.2	.0	.0	.0	.0	.0	.0	.0	10.6	3.8	9.5	10.8	10.6	3.8	9.5	10.8	10.8	10.8	10.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	356	562	35	1	0	0	0	0	0	0	954	954	8.2	8.2	.6	1.9	4.0	3.2	3.2	3.2	3.2
TOT PCT	37.3	58.9	3.7	.1	.0	.0	.0	.0	.0	.0	100.0	954	8.2	8.2	174	323	174	283	283	283	283

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1856-1971

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AREA 0014 PAGODA POINT
15.5N 93.1E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)												
HOUR	CALM	1-3			4-10			WIND SPEED (KNOTS)			MEAN	PCT FREQ
		1-3	4-10	11-21	22-33	34-47	48+					
0000	1.6	6.3	71.3	21.8	.0	.0	.0	8.3	100.0			
0600	1.9	7.7	62.2	27.6	.6	.0	.0	8.8	100.0			
1200	4.0	9.2	67.2	19.5	.0	.0	.0	7.8	100.0			
1800	3.2	11.3	70.0	14.5	1.1	.0	.0	7.6	100.0			
TOT	23	84	640	202	5	0	0	8.2				
PCT	2.4	8.8	67.1	21.2	.5	.0	.0		100.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIRECTION									
WIND DIR	0-2		3-4		5-7		8-10		TOTAL OBS
	0-2	3-4	5-7	8-10	0-2	3-4	5-7	8-10	
N	29.4	7.1	2.4	1.4	1.5				
NE	27.4	8.5	2.6	3.7	2.1				
E	1.7	1.9	1.9	2.4	5.0				
SE	.7	.9	.7	.0	3.0				
S	.0	.0	.7	.0	7.0				
SW	.0	.0	.0	.0	.0				
W	1.4	.0	.0	.0	.5				
NW	.7	1.4	2.0	.0	4.5				
VAR	.0	.0	.0	.0	.0				
CALM	1.4	.0	.0	.0	1.0				
TOT OBS	92	29	15	11	147				
TOT PCT	62.6	19.7	10.2	7.5	100.0				

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8) AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION														
WIND DIR	0-2		3-4		5-7		8-10		11-21		22-33		34-47	
	0-2	3-4	5-7	8-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	5000	6499	7999	8000- NH < 5/8
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1856-1971

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AREA 0014 PAGODA POINT
15.5N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.7	.7	.7	.7	.7	.7	.7	.7
OR >3500	.7	.7	.7	.7	.7	.7	.7	.7
OR >2000	3.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0
OR >1000	8.0	9.3	10.0	10.0	10.0	10.0	10.0	10.0
OR >600	9.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0
OR >300	9.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0
OR >150	9.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0
OR >0	9.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0
TOTAL	14	17	18	18	18	18	18	18

TOTAL NUMBER OF OBS: 150 PCT FREQ NH < 5/8: 88.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
48.8	17.9	11.3	7.7	3.6	1.2	2.4	4.8	2.4	.0	168	

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1856-1971

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AREA 0014 PAGODA POINT
15.5N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2
ND PCP	8.7	7.1	.9	.1	.1	.3	.2	1.4	.0	.4	.4	19.2
TOT %	8.7	7.1	1.1	.1	.1	.3	.2	1.4	.0	.4	.4	19.4
10+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	39.2	26.9	3.7	1.3	.3	.0	.8	7.5	.0	.2	.2	79.8
TOT %	39.2	26.9	3.7	1.3	.3	.0	.8	7.5	.0	.2	.2	79.8
TOT DBS	47.9	34.2	5.2	1.4	.4	.3	1.0	9.1	.0	.6	.6	495
TOT PCT												

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AREA 0014, PACODA POINT
15.5N 93.1E

PERIOD: (PRIMARY) 1918-1971
(OVER-ALL) 1856-1971

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1
	TOT %	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.3
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5<10	0-3	.7	.7	.2	.0	.0	.0	.0	.1	.0	.3	2.0
	4-10	3.9	3.3	.4	.1	.1	.2	.1	.6	.0	.0	8.7
	11-21	1.4	1.0	.1	.0	.0	.0	.0	.2	.0	.0	2.7
	TOT %	6.0	4.9	.7	.1	.1	.2	.1	1.0	.0	.3	13.4
10+	0-3	1.9	2.1	.3	.2	.0	.0	.4	.9	.0	1.4	7.1
	4-10	28.0	21.5	4.0	.9	.2	.0	.5	6.6	.0	.0	61.8
	11-21	9.3	5.1	.9	.1	.0	.0	.0	1.3	.0	.0	16.8
	TOT %	39.4	28.9	5.2	1.2	.2	.0	.8	8.8	.0	1.4	86.0
TOT OBS												714
TOT PCT		45.4	34.0	6.2	1.3	.3	.2	.9	9.9	.0	1.7	100.0

PERIOD: (PRIMARY) 1918-1971
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TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

AREA 0014 PAGODA POINT
15.5N 93.1E

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	5500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	2.2	13.0	4.3	.0	2.2	.0	.0	21.7	78.3	46
06009	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	3.1	96.9	32
12015	.0	.0	.0	2.4	4.9	4.9	.0	.0	.0	.0	12.2	87.8	41
18021	.0	.0	.0	.0	2.0	2.0	.0	.0	.0	.0	4.1	95.9	49
TOT PCT	.0	.0	.0	1.8	5.4	3.0	.0	.6	.0	.0	10.7	150	168
												89.3	100.0

TABLE 11

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	.0	9.1	90.9	44
06009	.0	.0	.0	.0	7.7	92.3	26
12015	.0	.0	.0	.0	2.8	97.2	36
18021	.0	.0	.0	2.3	2.3	95.5	44
TOT PCT	.0	.0	.0	.7	5.3	14.1	150
						94.0	100.0

TABLE 12

HOUR (GMT)	< 150 CEILING HGT	< 600 CEILING HGT	< 1000 CEILING HGT	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	.0	2.3	20.5	77.3
06009	.0	.0	.0	3.8	.0	96.2
12015	.0	.0	.0	2.8	11.1	86.1
18021	.0	.0	.0	2.3	2.3	95.5
TOT PCT	.0	.0	.0	4	14	132
				2.7	9.3	88.0
						100.0

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PERIOD: (PRIMARY) 1918-1971
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AREA 0014 PAGODA POINT
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TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP												
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.6	.0	.0	.0				
80/84	.0	.0	.0	2.3	5.2	13.2	2.3	.6				
75/79	.0	.0	.0	1.7	16.7	32.8	16.7	4.6				
70/74	.0	.0	.0	.0	1.1	1.1	1.1	.0				
TOTAL	0	0	0	7	41	82	35	9				
PCT	.0	.0	.0	4.0	23.6	47.1	20.1	5.2				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP													
N	NE	E	SE	S	SW	W	NW	VAR	CALM				
.6	.0	.0	.0	.0	.0	.0	.0	.0	.0				
6.2	11.9	2.0	.0	.0	.0	.6	2.3	.0	.6				
31.6	29.0	4.5	.7	.6	.0	.4	4.5	.0	1.1				
2.9	.0	.6	.0	.0	.0	.0	.0	.0	.0				
41.2	40.9	7.0	.7	.6	.0	1.0	6.8	.0	1.7				

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS		
00003	82	81	80	77	73	72	70	77.1	174		
06009	86	85	83	79	75	72	72	78.8	320		
12015	84	83	81	77	73	72	70	77.4	176		
18021	82	81	80	77	73	70	70	76.6	285		
TOT	86	84	81	78	73	72	70	77.6	955		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR												TOTAL
HOUR (GMT)	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	MEAN	OBS		
00003	.0	2.1	23.4	40.4	25.5	8.5	76	47				
06009	.0	13.3	26.7	51.1	8.9	.0	70	45				
12015	.0	.0	25.7	57.1	14.3	2.9	74	35				
18021	.0	2.0	18.0	44.0	28.0	8.0	77	50				
TOT	0	8	41	84	35	9	74	177				

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15.5N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	TOT	W	W0
	72	76	80	84	88		FOG	FOG
7/8	.0	.0	.2	.4	.0	3	.0	.6
5	.0	.0	1.5	.6	.2	11	.2	2.2
4	.0	.2	2.2	2.2	.2	22	.0	4.7
3	.0	.0	.6	.0	.2	4	.0	.9
2	.0	1.1	5.2	4.3	.0	54	.0	11.6
1	.0	.4	2.8	1.5	.0	22	.0	4.7
0	.0	6.7	15.1	3.0	.2	116	.0	24.9
-1	.0	.4	7.1	.4	.0	37	.0	8.0
-2	.6	6.0	12.7	.6	.0	93	.0	20.0
-3	.0	1.9	2.8	.2	.0	23	.0	4.9
-4	.6	7.5	2.2	.0	.0	48	.0	10.3
-5	.6	2.6	.6	.0	.0	18	.0	3.9
-6	.2	.4	.2	.0	.0	4	.0	.9
-7/-8	.6	1.1	.2	.0	.0	9	.0	1.9
-9/-10	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	14	132	253	62	4	465	1	464
PCT	3.0	28.4	54.4	13.3	.9	100.0	.2	99.8

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	6.3	.0	.0	.0	.0	6.3	.0	2.8	.0	.0	.0	.0	2.8
1-2	.0	18.2	.0	.0	.0	.0	18.2	.0	9.7	4.5	.0	.0	.0	14.2
3-4	.0	8.5	6.3	.0	.0	.0	14.8	.0	4.5	1.1	.0	.0	.0	5.7
5-6	2.3	2.3	.0	.0	.0	.0	4.5	.0	.0	5.1	.0	.0	.0	5.1
7	.0	.0	1.7	.0	.0	.0	1.7	.0	.0	.6	.0	.0	.0	.6
8-9	.0	.0	2.3	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.3	35.2	10.2	.0	.0	.0	47.7	.0	17.0	11.4	.0	.0	.0	28.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	2.3	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0
1-2	.0	8.0	.0	.0	.0	.0	8.0	.0	.6	.0	.0	.0	.0	.6
3-4	.0	4.5	1.7	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	14.8	3.4	.0	.0	.0	18.2	.0	.6	.0	.0	.0	.0	.6

PERIOD: (OVER-ALL) 1963-1971

JANUARY

AREA 0014, PAGODA POINT
15.5N 93.1E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	2.3	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	2.3	.0	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	1.7	.0	.0	.0	.0	1.7	.0	1.1	.0	.0	.0	.0	1.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.7	.0	.0	.0	.0	1.7	.0	1.1	.0	.0	.0	.0	1.1

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)								TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	13.3	.0	.0	.0	.0	13.3	
1-2	.0	35.6	4.4	.0	.0	.0	40.0	
3-4	.0	20.0	8.9	.0	.0	.0	28.9	
5-6	2.2	4.4	6.7	.0	.0	.0	13.3	
7	.0	.0	2.2	.0	.0	.0	2.2	
8-9	.0	.0	2.2	.0	.0	.0	2.2	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	2.2	73.3	24.4	.0	.0	.0	100.0	45

TABLE 19 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	11.1	23.1	26.9	4.6	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	73
6-7	.0	7.4	13.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
INDET	1.9	3.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
TOTAL	14	37	45	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	108	
PCT	13.0	34.3	41.7	8.3	.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

FEBRUARY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 1
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS		
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN	FOG WD PCPN					SHOKE HAZE	DUST BLWG	NO DUST SNOW	SIG WEA			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	49.8	536
NE	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	21.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	
NW	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	
TOT OBS	1	1	0	0	0	0	0	0	.0	2	0	1	2	2	0	0	531	
TOT PCT	.2	.2	.0	.0	.0	.0	.0	.0	.4	.4	.0	.2	.4	.4	.0	.0	99.1	

TABLE 2
PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT OB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS		
				FRZG PCPN	FRZG PCPN	SNOW PCPN	OTHER PCPN					WD PCPN	HAZE	SMOKE	DUST		BLWG SNOW	SIG WEA
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	99.5	
12015	.8	.0	.0	.0	.0	.0	.0	.0	.8	.8	.0	.8	.8	.0	.0	.0	97.7	
18021	.0	.6	.0	.0	.0	.0	.0	.0	.8	.8	.0	.0	.0	.0	.0	.0	99.2	
TOT	1	1	0	0	0	0	0	0	.4	2	0	1	2	0	2	0	538	543
PCT	.2	.2	.0	.0	.0	.0	.0	.0	.4	.4	.0	.2	.4	.4	.0	.0	99.1	

FEBRUARY

PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

AREA 0014 PAGODA POINT
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WNO DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21	
N	3.1	33.6	9.7	.1	.0	.0	.0	46.6	8.3	49.2	41.9	49.3	50.3	52.8	43.2	44.9	43.1	
NE	4.3	14.9	2.9	.0	.0	.0	.0	22.1	6.7	18.5	21.8	26.5	25.0	20.4	22.4	21.2	15.7	
E	.6	1.3	*	.0	.0	.0	.0	1.9	5.2	1.6	2.1	2.9	.7	2.1	1.4	1.5	2.6	
SE	.3	.3	.0	.0	.0	.0	.0	.5	3.6	.0	.4	.0	.7	.0	.3	.9	1.6	
S	.2	.2	.0	.0	.0	.0	.0	.4	5.4	1.2	.0	.2	.0	.7	1.4	.0	.3	
SW	.6	.8	.0	.0	.0	.0	.0	1.3	4.7	5.2	.0	.2	2.3	4.2	1.4	1.0	.3	
W	.7	2.9	.2	.0	.0	.0	.0	3.7	6.5	2.8	4.7	2.0	3.6	2.8	5.8	5.1	3.3	
NW	.9	14.9	3.0	.0	.0	.0	.0	18.8	7.9	19.8	24.8	14.9	14.1	15.5	19.4	16.4	27.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	4.6	74.0	171	1	0	0	1075	4.6	7.3	1.6	4.3	4.0	3.3	1.4	4.8	8.9	5.2	
TOT OBS	163	68.8	15.9	.1	.0	.0	1075	100.0		62	117	227	152	71	147	146	153	
TOT PCT	15.2	68.8					100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)							41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)								
	0-6	7-16	17-27	28-40								00	03	06	09	12	15	18	21	
N	17.7	26.4	2.4	.0	.0	.0	.0	.0	46.6	8.3		44.4	49.7	46.3	44.0					
NE	12.5	9.2	.4	.0	.0	.0	.0	.0	22.1	6.7		20.7	25.9	21.8	18.4					
E	1.4	.5	.0	.0	.0	.0	.0	.0	1.9	5.2		2.0	2.0	1.6	2.1					
SE	.5	*	.0	.0	.0	.0	.0	.0	.5	3.6		.3	.3	.3	1.3					
S	.2	.2	.0	.0	.0	.0	.0	.0	.4	5.4		.4	.1	.1	.2					
SW	1.0	.3	.0	.0	.0	.0	.0	.0	1.3	4.7		1.8	1.1	2.3	.7					
W	2.1	1.6	*	.0	.0	.0	.0	.0	3.7	6.5		4.1	2.6	4.8	4.2					
NW	8.0	10.3	.6	.0	.0	.0	.0	.0	18.8	7.9		23.0	14.6	18.1	22.2					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0					
CALM	4.6	521	37	0	0	0	1075	4.6	7.3			3.4	3.7	3.7	7.0					
TOT OBS	517	48.5	3.4	.0	.0	.0	1075	100.0				179	379	218	299					
TOT PCT	48.1						100.0					100.0	100.0	100.0	100.0					

PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

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AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT	TOTAL
				11-21	22-30	31-47	48+				
0000	3.4	10.1	70.9	5.6	.0	.0	.0	.0	7.4	100.0	179
0600	3.7	9.5	67.5	19.0	.3	.0	.0	.0	7.6	100.0	379
1200	3.7	11.5	71.1	13.8	.0	.0	.0	.0	.3	100.0	216
1800	7.0	11.7	67.6	13.7	.0	.0	.0	.0	6.8	100.0	299
TOT	4.9	11.4	74.0	17.1	1	0	0	0	7.3	100.0	1075
PCT	4.6	10.6	68.8	15.9	.1	.0	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL	MEAN	CLOUD	COVER
N	36.5	5.9	3.3	.0	45.7	1.2		
NE	19.1	4.4	3.9	.0	27.5	1.6		
E	1.8	.0	.0	.7	2.5	2.4		
SE	.2	.0	.0	.0	.2	.0		
S	.5	.0	.0	.0	.5	.0		
SW	3.5	.7	.0	.0	4.2	2.0		
W	.5	.7	.0	.0	1.2	1.5		
NW	12.3	2.1	.0	.7	15.1	1.7		
VAP	.0	.0	.0	.0	.0	1.4		
CALM	2.6	.7	.0	.0	3.3	.0		
TOT OBS	117	22	11	2	152	.8		
TOT PCT	77.0	14.5	7.2	1.3	100.0	1.4		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH > 4/8
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	2000	3500	5000	6500	8000+	NH < 5/8	ANY HGT	TOTAL
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45.7
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.5
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.1
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	152
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

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AREA 0014, PACODA POINT
15.4N 93.1E

TABLE 7
CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	OR		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0	>10	>5	>2	>1
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >2000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >1000	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >600	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >300	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >150	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OR >0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	0	1	1	1	1	1	1	1	1	1	1	1

TOTAL NUMBER OF OBS: 156 PCT FREQ NH <5/81 99.4

TABLE 7A
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
0	17.4	9.0	4.8	.0	.0	.0	.0	.0	.0	.0	167

PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

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AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
5<10 ND PCP	8.1	4.8	.5	.1	.2	.2	1.1	5.4	.0	.2	20.3	.0
TOT %	8.1	4.9	.5	.1	.2	.2	1.1	5.4	.0	.2	20.5	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.2	.2
10+ ND PCP	41.9	16.3	.9	.2	.3	1.6	2.0	14.3	.0	1.7	79.3	.0
TOT %	41.9	16.3	.9	.2	.3	1.6	2.0	14.5	.0	1.7	79.5	.0
TOT OBS	50.0	21.2	1.4	.2	.4	1.8	3.1	19.9	.0	1.9	100.0	536
TOT PCT												

AREA 0014 PAGODA PRINT
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PERIOD: (PRIMARY) 19:8-1969
(OVER-ALL) '855-1969

TARLF 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (M)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
5<10	0-3	.7	.8	.1	.0	.1	.1	.1	.3	.0	.1	2.3
	4-10	3.7	2.8	.2	*	.0	.0	.7	3.0	.0	.0	10.5
	11-21	1.3	.2	.0	.0	.0	.0	.0	.5	.0	.0	1.9
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	5.7	3.8	.4	*	.1	.1	.8	3.7	.0	.1	14.7
10+	0-3	3.1	3.0	.3	.0	.1	.6	.5	.8	.0	3.2	11.6
	4-10	32.7	11.9	1.0	.3	.3	.9	2.2	12.7	.0	.0	62.1
	11-21	7.5	2.2	.0	.0	.0	.0	.1	1.7	.0	.0	11.5
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	43.3	17.1	1.3	.3	.4	1.6	2.7	15.2	.0	3.2	85.2
TOT OBS												775
TOT PCT		49.2	20.9	1.6	.4	.5	1.7	3.5	18.9	.0	3.4	100.0

PERIOD: (PRIMARY) 1918-1939
(OVER-ALL) 1855-1969

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AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND OCCURRENCE OF NH < 5/8 BY HOUR													
HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	43
06009	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	41
12015	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	2.2	97.8	46
18021	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	36
TOT PCT	.0 .0	.0 .0	.0 .0	.0 .0	1 14.5	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	1 1.6	165 99.4	166 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR									
HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS		
00003	.0	.0	.0	.0	.0	100.0	41		
06009	.0	.0	.0	.0	8.1	91.9	37		
12015	.0	.0	.0	.0	11.4	88.6	44		
18021	.0	.0	.0	.0	8.8	91.2	34		
TOT PCT	.0 .0	.0 .0	.0 .0	.0 .0	11 7.1	145 92.9	156 100.0		

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET, NH > 4/8), BY HOUR									
HOUR (GMT)	< 150 CEILING	< 50 YD	< 1 < 5	< 1000 AND 5+	1000+	NH < 5/8 AND 5+	TOTAL OBS		
00003	.0	.0	.0	.0	.0	100.0	41		
06009	.0	.0	.0	.0	.0	100.0	37		
12015	.0	.0	.0	.0	2.3	97.7	44		
18021	.0	.0	.0	.0	.0	100.0	34		
TOT PCT	0 .0	0 .0	0 .0	0 .0	1 .6	155 99.4	156 100.0		

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PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP											TOTAL OBS
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
80/84	.0	.0	.0	3.3	9.3	11.9	5.3	2.6			49	
79/79	.0	.0	.0	.7	7.9	32.5	21.2	4.6			101	
70/74	.0	.0	.0	.0	.0	.7	.0	.0			1	
TOTAL	0	0	0	6	26	68	40	11			151	
MEAN	.0	.0	.0	4.0	17.2	45.0	26.5	7.3				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP												
N	NE	E	SE	S	SW	W	NW	VAR	CALM			
13.4	8.3	1.3	.0	.0	1.3	.3	6.5	.0	1.3			
29.6	18.2	1.2	.2	.5	1.5	1.0	12.7	.0	2.0			
.7	.0	.0	.0	.0	.0	.0	.0	.0	.0			
43.7	26.5	2.5	.2	.5	2.8	1.3	19.2	.0	3.3			

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00003	95	84	71	78	74	72	72	77.6	176	
06009	89	87	83	79	75	73	73	79.5	363	
12015	89	84	82	78	74	72	72	78.1	213	
18021	84	82	80	77	74	72	72	76.9	289	
TOT	89	84	82	79	75	72	72	78.2	1041	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									TOTAL OBS
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN		
00003	.0	.0	11.9	50.0	33.3	4.8	78	42	
06009	.0	10.3	20.5	43.6	20.5	5.1	74	39	
12015	.0	3.0	27.3	42.4	21.2	6.1	75	33	
18021	.0	2.4	12.2	43.9	29.3	12.2	78	41	
TOT	0	6	27	70	41	11	76	155	

PERIOD: (PRIMARY) 1918-1969
(OVER-ALL) 1855-1969

FEBRUARY

AREA OC14 PAGODA POINT
15.4N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	92	TOT	W	WD
	72	76	80	84	88	92			FOG	FOG
7/8	.0	.0	.0	.2	.0	.0	.0	1	.0	.2
6	.0	.0	.0	.2	.0	.0	.0	1	.0	.2
5	.0	.0	1.0	1.2	.2	.0	.0	12	.0	2.4
4	.0	.2	.8	4.1	.0	.0	.0	25	.2	4.3
3	.0	.0	.2	1.4	.2	.2	.2	10	.0	2.0
2	.0	1.0	4.3	6.5	.0	.0	.0	58	.0	11.5
1	.0	.0	1.6	2.0	.0	.0	.0	18	.0	3.7
0	.0	4.9	16.3	4.9	.0	.0	.0	126	.0	26.0
-1	.0	.6	10.2	1.0	.0	.0	.0	58	.0	11.8
-2	.2	4.7	13.0	1.0	.0	.0	.0	93	.0	18.9
-3	.0	1.4	3.5	.2	.0	.0	.0	25	.0	5.1
-4	.4	5.1	3.3	.0	.0	.0	.0	43	.0	8.7
-5	.8	.8	.2	.0	.0	.0	.0	9	.0	1.8
-6	.0	.4	.0	.0	.0	.0	.0	2	.0	.4
-7/-8	.4	1.0	.4	.0	.0	.0	.0	9	.0	1.8
TOTAL	9	99	269	112	2	1	.2	492	1	491
PCT	1.8	20.1	54.7	22.6	.4	.2		100.0	.2	99.8

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TABLE 18

PERIOD: (OVER-ALL) 1963-1969

AREA 0014, PAGODA POINT
15.4N 93.1E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.3	10.2	1.8	.0	.0	.0	13.3	1.8	2.2	.0	.0	.0	.0	4.0
1-2	1.8	16.8	3.1	.0	.0	.0	21.7	.0	7.5	.0	.0	.0	.0	7.5
3-4	.0	11.5	1.3	.0	.0	.0	12.8	1.8	10.6	1.8	.0	.0	.0	14.2
5-6	.0	.0	5.8	.0	.0	.0	5.8	.0	.0	2.7	.0	.0	.0	2.7
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.1	38.5	11.9	.0	.0	.0	53.5	3.5	20.4	4.4	.0	.0	.0	28.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.5	.0	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.5	.0	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0

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PERIOD: (OVER-ALL) 1963-1969

AREA 0014, PAGODA POINT
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TABLE 18

PCT PREO OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.4	1.8	.0	.0	.0	.0	2.2
1-2	.0	.0	.0	.0	.0	.0	.0	.0	5.8	2.2	.0	.0	.0	8.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.9	.4	.0	.0	.0	1.3
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.4
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.4	8.4	3.1	.0	.0	.0	11.9
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.4	8.4	3.1	.0	.0	.0	11.9

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PERIOD: (OVER-ALL) 1963-1969

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-23	34-47	48+	PCT	
<1	11.7	16.7	1.7	.0	.0	.0	30.0	60
1-2	1.7	29.3	5.0	.0	.0	.0	35.0	
3-4	1.7	21.7	3.3	.0	.0	.0	26.7	
5-6	.0	.0	8.3	.0	.0	.0	8.3	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	15.0	66.7	18.3	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1969

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
<6	5.8	31.4	15.7	3.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	69	2
6-7	.0	3.3	8.3	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25	4
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
INDEX	15.7	2.5	3.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27	1
TOTAL	26	45	33	15	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	121	2
PCT	21.5	37.2	27.3	12.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

TABLE 1
 PERCENTAGE FREQUENCY OF WEATHER CURRENT BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OBS	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW					PCPN	FOG	SMOKE	DUST	NO	
N	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.5	.5	.3	.0	29.5	.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	10.4	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	1.6	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	35.5	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	3.1	.0
TOT OBS	1	0	0	0	0	0	0	0	1	1	5	7	0	0	595	609
TOT PCT	.2	.0	.0	.0	.0	.0	.0	.0	.2	.2	.8	1.1	.0	.0	97.7	

TABLE 2
 PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT OBS	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW					PCPN	FOG	SMOKE	DUST	NO	
0003	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.2	.0	.0	96.7	
0609	.4	.0	.0	.0	.0	.0	.0	.4	.4	.0	.4	1.2	.0	.0	97.9	
1215	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	.0	.0	.0	98.5	
1821	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3	.0	.0	97.5	
TOT	1	0	0	0	0	0	0	1	1	1	5	7	.0	.0	615	629
PCT	.2	.0	.0	.0	.0	.0	.0	.2	.2	.2	.8	1.1	.0	.0	97.8	

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PERIOD: (PRIMARY) 1915-1969
(OVER-ALL) 1855-1969

AREA 0014, PAGODA POINT
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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD		00	03	06	09	12
N	4.7	19.3	4.4	.1	.0	.0	.0	28.5	7.3		29.9	28.4	31.1	30.7	25.5
NE	2.9	7.2	.8	.0	.0	.0	.0	10.8	5.7		5.9	13.7	13.1	9.4	9.3
E	.8	1.1	.1	.0	.0	.0	.0	2.0	5.0		.0	2.4	1.1	2.7	8.9
SE	.6	.5	.0	.0	.0	.0	.0	1.1	3.9		2.9	2.1	.7	1.0	1.6
S	.5	1.2	.0	.0	.0	.0	.0	1.7	5.1		4.4	2.1	1.0	.5	1.6
SW	.8	2.5	.1	.0	.0	.0	.0	3.3	5.0		1.5	2.1	1.0	4.0	1.0
W	1.3	8.8	1.3	.0	.0	.0	.0	11.9	6.5		12.7	9.2	11.9	11.1	13.0
NW	4.4	26.0	4.2	.1	.0	.0	.0	34.6	7.3		40.7	31.7	33.5	36.6	34.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0
CALM	6.0	882	144	2	0	0	1325	6.0	.0		2.0	8.3	6.7	4.0	7.4
TOT OBS	297	66.6	10.9	.2	.0	.0		100.0	6.4		51	168	284	202	54
TOT PCT	22.4										100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)				
	0-6	7-16	17-27	28-40											00	03	06	09	12
N	14.5	12.5	1.5	.0	.0	.0	.0	.0	28.5	7.3	.0				28.8	28.8	30.9	26.8	26.3
NE	7.2	3.6	.0	.0	.0	.0	.0	.0	10.8	5.7	.0				11.9	11.6	11.6	9.0	10.3
E	1.4	.0	.0	.0	.0	.0	.0	.0	2.0	5.0	.0				1.8	1.7	1.7	1.2	2.9
SE	1.0	.2	.0	.0	.0	.0	.0	.0	1.1	3.9	.0				2.3	.8	.8	2.0	.3
S	1.3	.4	.0	.0	.0	.0	.0	.0	1.7	5.1	.0				2.6	.8	.8	2.0	.3
SW	2.9	.5	.0	.0	.0	.0	.0	.0	3.3	5.0	.0				1.9	2.2	2.2	4.3	4.9
W	7.6	4.3	.1	.0	.0	.0	.0	.0	11.9	6.5	.0				10.0	11.6	11.6	13.5	12.5
NW	16.1	17.5	1.0	.0	.0	.0	.0	.0	34.6	7.3	.0				33.8	34.8	34.8	34.8	34.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0
CALM	6.0	524	34	.0	.0	.0	.0	.0	6.0	.0	.0				6.8	5.6	5.6	6.1	5.9
TOT OBS	767	39.5	2.6	.0	.0	.0	.0	.0	100.0	6.4	.0				219	486	245	245	375
TOT PCT	57.9														100.0	100.0	100.0	100.0	100.0

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TABLE 4

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)			48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47				
0000	6.8	16.0	67.1	10.0	.0	.0	.0	6.3	100.0	219
0600	5.6	16.0	68.7	9.7	.0	.0	.0	6.5	100.0	486
1200	6.1	16.7	64.9	12.2	.0	.0	.0	6.3	100.0	245
1800	5.9	17.1	64.5	12.0	.5	.0	.0	6.4	100.0	375
TOT	79	218	882	144	2	.0	.0	6.4	100.0	1325
PCT	6.0	16.5	66.6	10.9	.2	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER
N	19.0	6.4	2.4	.7		1.7
NE	6.2	1.8	.9			2.2
E	.0	.0	.0			.0
SE	1.8	.0	.0			1.0
S	4.9	.0	.0			1.8
SW	2.2	.0	.0			1.2
W	5.3	5.8	1.5	.0		2.6
NW	22.6	4.6	4.0	1.1		2.1
VAR	.0	.0	.0	.0		.0
CALM	5.3	.9	.0	.0		2.0
TOT OBS	76	22	12	3	113	2.0
TOT PCT	67.3	19.5	10.6	2.7	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8)
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

	000	149	150	299	300	300	599	600	999	1000	2000	3500	4999	5000	6499	7999	8000+	ANY HGT	5/8	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.3	.0	.0	.0	.0	.0	.0	.0	29.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	104
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.5	.9	.0	.0	.0	.0	.0	.0	92.0

PERIOD: (PRIMARY), 1915-1969
(OVER-ALL) 1855-1969

MARCH

AREA 0014, PAGUDA POINT
15.2N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 478) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0
OR >3500	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
OR >2000	4.2	4.2	5.1	5.1	5.1	5.1	5.1	5.1
OR >1000	5.1	6.8	7.6	7.6	7.6	7.6	7.6	7.6
OR >600	5.1	6.8	7.6	7.6	7.6	7.6	7.6	7.6
OR >300	5.9	7.6	8.5	8.5	8.5	8.5	8.5	8.5
OR >150	5.9	7.6	8.5	8.5	8.5	8.5	8.5	8.5
OR >0	5.9	7.6	8.5	8.5	8.5	8.5	8.5	8.5
TOTAL	7	9	10	10	10	10	10	10

TOTAL NUMBER OF OBS: 118 PCT FREQ NH < 5/81 91.5

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
0	40.3	15.4	20.1	10.4	3.7	4.5	2.2	.0	2.2	.0	134

PERIOD: (PRIMARY) 1915-1969
(OVER-ALL) 1855-1969

MARCH

AREA 0014 PAGODA POINT
15.2N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL Obs
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
<1/2 NG PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1 NG PCP	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3
TOT %	.1	.1	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2 NG PCP	.2	.3	.1	.0	.0	.0	.0	.2	.0	.0	.0	.8
TOT %	.2	.3	.1	.0	.0	.0	.0	.2	.0	.0	.0	.8
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2<5 NG PCP	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.3
TOT %	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.3
PCP	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
5<10 NG PCP	9.4	3.4	.4	.7	.0	.5	1.8	8.6	.0	1.1	25.9	25.9
TOT %	9.5	3.4	.4	.7	.0	.5	1.8	8.6	.0	1.1	26.1	26.1
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10+ NG PCP	20.8	7.0	1.2	1.1	1.8	2.4	9.3	26.9	.0	2.0	72.4	72.4
TOT %	20.8	7.0	1.2	1.1	1.8	2.4	9.3	26.9	.0	2.0	72.4	72.4
TOT OBS	30.8	10.8	1.7	1.7	1.8	2.9	11.1	35.8	.0	3.3	100.0	609
TOT PCT	30.8	10.8	1.7	1.7	1.8	2.9	11.1	35.8	.0	3.3	100.0	609

PERIOD: (PRIMARY) 1915-1969
(OVER-ALL) 1855-1969

MARCH

AREA 0014, PAGODA POINT
15.2N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
	4-10	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2
1<2	0-3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	4-10	.2	.1	.1	.0	.0	.0	.0	.1	.0	.0	.4	.4
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.2	.1	.0	.0	.0	.0	.1	.0	.0	.5	.5
2<5	0-3	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	.2
	4-10	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.0	.0	.0	.0	.1	.0	.2	.0	.0	.5	.5
5<10	0-3	1.2	.8	.1	.4	.0	.1	.3	.8	.0	.7	4.3	4.3
	4-10	4.6	1.6	.2	.1	.0	.3	.7	4.4	.0	.0	11.8	11.8
	11-21	.3	.1	.0	.0	.0	.0	.3	.6	.0	.0	1.3	1.3
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	6.2	2.4	.3	.4	.0	.3	1.2	5.8	.0	.7	17.4	17.4
10+	0-3	3.5	1.8	.8	.4	.3	.4	1.1	3.1	.0	4.7	16.1	16.1
	4-10	16.0	6.0	.7	.6	1.6	1.5	6.0	22.9	.0	.0	57.3	57.3
	11-21	3.4	.4	.1	.1	.0	.0	.9	2.9	.0	.0	7.7	7.7
	22+	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	.2
	TOT %	22.9	8.2	1.6	1.0	1.9	1.9	10.0	29.1	.0	4.7	81.4	81.4
TOT OBS													955
TOT PCT		29.5	10.9	1.9	1.5	1.9	2.3	11.2	35.2	.0	3.5	100.0	

PERIOD: (PRIMARY) 1915-1949
(OVER-ALL) 1855-1959

MARCH

AREA 0014 CAGODA POINT
15.2N 93.1E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
HOUR (GMT)	000	150	300	600	1000	2000	3500	5000	6500	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	2.8	.0	2.8	5.6	2.8	.0	.0	.0	13.9	86.1	36
06009	.0	.0	.0	.0	.0	2.7	.0	.0	.0	.0	2.7	97.3	37
12015	.0	.0	.0	.0	3.1	3.1	3.1	.0	.0	.0	9.4	90.6	32
18021	.0	.0	.0	.0	3.7	.0	.0	.0	.0	.0	3.7	96.3	27
TOT PCT	.0	.0	1	.0	3	4	2	.0	.0	.0	10	122	132
	.0	.0	.8	.0	2.3	3.0	1.5	.0	.0	.0	7.6	92.4	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	6.1	6.1	87.9	33
06009	.0	.0	.0	.0	6.3	93.8	32
12015	.0	.0	.0	.0	10.3	89.7	29
18021	.0	.0	.0	.0	20.8	79.2	24
TOT PCT	.0	.0	.0	2	12	104	118
	.0	.0	.0	1.7	10.2	89.1	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8) BY HOUR

	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5 AND 5+	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5 AND 5+	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	00003	.0	3.0	9.1	9.1	81.8	33
06009	06009	.0	.0	.0	3.1	96.9	32
12015	12015	.0	.0	.0	10.3	89.7	29
18021	18021	.0	.0	.0	4.2	95.8	24
TOT PCT	TOT PCT	.0	1	3	8	107	118
		.0	.8	2.5	6.8	90.7	100.0

MARCH

AREA 0014 PAGODA POINT
15.2N 93.1E

PERIOD: (PRIMARY) 1915-1969
(OVER-ALL) 1855-1969

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	1.6	2.1	.0	.0			7	3.7
80/84	.0	.0	.0	1.1	9.0	37.2	16.0	1.1			121	64.4
75/79	.0	.0	.0	.0	1.6	17.0	11.2	2.1			60	31.9
TOTAL	.0	.0	.0	.0	23	106	51	6			188	100.0
PCT	.0	.0	.0	1.1	12.2	56.4	27.1	3.2				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											VAR	CALM
N	NE	E	SE	S	SW	W	NW					
16.0	11.7	.0	1.3	2.5	2.5	8.4	1.7				.0	.5
10.1	6.8	.0	.5	1.1	.8	3.2	9.4				.0	.0
26.6	18.5	.5	2.4	3.6	3.3	11.6	26.1				.0	7.4

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) 3Y HOUR											TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN			
00003	84	83	82	80	77	74	73	79.7			221
06009	80	88	85	82	78	75	73	81.7			487
12015	87	86	84	80	77	75	73	80.2			247
18021	84	83	82	79	76	74	73	79.0			381
TOT	90	85	84	80	77	75	73	80.3			1336

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											MEAN	TOTAL OBS
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100						
00003	.0	.0	6.4	57.4	34.0	2.1					79	47
06009	.0	3.1	23.4	57.8	10.9	4.7					74	64
12015	.0	.0	7.9	60.5	31.6	.0					77	38
18021	.0	.0	6.1	49.0	40.8	4.1					79	49
TOT	.0	2	24	111	55	6					77	198

PERIOD (PRIMARY) 1915-1969
(OVERALL) 1855-1969

MARCH

AREA 0014, PAGODA POINT
15.2N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WU
	76	80	84	88	92	FOG	FOG	FOG
9/10	.0	.0	.3	.0	.0	2	.0	.3
7/8	.0	.0	.5	.2	.2	5	.0	.8
5	.0	.3	1.2	.0	.0	9	.0	1.5
4	.0	.3	3.4	1.0	.2	29	.0	4.9
3	.0	.0	.3	.8	.2	8	.0	1.3
2	.2	3.2	5.5	.5	.0	56	.0	9.4
1	.0	.7	2.7	.2	.0	21	.0	3.5
0	1.0	9.7	17.4	.0	.0	188	.2	28.0
-1	.0	7.6	5.7	.0	.0	79	.2	13.1
-2	2.0	13.8	7.2	.0	.0	137	.2	22.8
-3	.3	4.0	1.0	.0	.0	32	.2	5.2
-4	1.0	3.9	1.3	.0	.0	37	.0	6.2
-5	.7	1.0	.2	.0	.0	11	.0	1.8
-7/-8	.0	.2	.0	.0	.0	1	.0	.2
-9/-10	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	32	266	279	16	3	596	4	592
PCT	5.4	44.6	46.8	2.7	.5	100.0	.7	99.3

MARCH
TABLE 18

PERIOD: (OVER-ALL) 1963-1969

AREA 0014 PAGODA POINT
15.2N 93.1E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	NE										PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33		34-47	48+
<1	.0	3.8	.0	.0	.0	.0	3.8	.0	.5	.0	.0	.0	.5
1-2	.0	9.8	2.2	.0	.0	.0	12.0	2.2	4.9	2.2	.0	.0	9.3
3-4	.0	3.8	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	17.5	2.2	.0	.0	.0	19.7	2.2	5.5	2.2	.0	.0	9.8

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT							
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0							

AREA 0014, PAGODA POINT
15.2N 93.1E

MARCH

PERIOD: (OVER-ALL) 1963-1969

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	2.2	4.9	.0	.0	.0	.0	7.1	.0	1.6	.0	.0	.0	.0	1.6
3-4	.0	2.2	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.2	7.1	.0	.0	.0	.0	9.3	.0	1.6	.0	.0	.0	.0	1.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	3.3	.0	.0	.0	.0	3.3	.0	9.8	.0	.0	.0	.0	14.2
3-4	.0	7.1	.0	.0	.0	.0	7.1	.0	21.9	2.2	.0	.0	.0	24.0
5-6	.0	1.6	.0	.0	.0	.0	1.6	.0	1.1	.0	.0	.0	.0	1.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	12.0	.0	.0	.0	.0	12.0	4.4	32.8	2.2	.0	.0	.0	39.3

PERIOD: (OVER-ALL) 1963-1969

MARCH

AREA 0014, PAGODA POINT
15.2N 93.1E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	14.9	17.0	.0	.0	.0	.0	31.9	47
1-2	4.3	48.9	6.4	.0	.0	.0	59.6	
3-4	.0	8.5	.0	.0	.0	.0	8.5	
5-6	.0	.0	.0	.0	.0	.0	.0	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	19.1	74.5	6.4	.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1969

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	13.3	39.8	12.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62
6-7	.0	2.0	5.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11
8-9	.0	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4
10-11	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
INDEX	12.2	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
TOTAL	25.5	49.0	19.4	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	98
PCT	25.5	49.0	19.4	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

APRIL

PERIOD: (PRIMARY) 1916-1966
(OVER-ALL) 1853-1966AREA 0014 PAGODA POINT
15.3N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR					OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	PCPN	SNOW	OTHER				LTNG	WD	HAZE	BLWG	DUST	NO	NO	NO	NO	NO	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.9
E	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
SE	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
S	.1	.3	.0	.0	.0	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
SW	.3	.1	.0	.0	.0	.0	.0	.0	.4	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	13.9
W	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.4
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	31.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
TOT OBS	3	5	0	0	0	0	0	0	8	0	4	1	4	0	0	0	0	0	0	0	520
TOT PCT	.6	.9	.0	.0	.0	.0	.0	.0	1.5	.0	.7	.2	.7	.0	.0	.0	.0	.0	.0	.0	96.8

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	WD	HAZE	BLWG	DUST	NO	NO	NO	NO	NO	TOTAL OBS
				FRZG	PCPN	SNOW	OTHER														
00003	.0	1.1	.0	.0	.0	.0	.0	.0	1.1	0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	95.4
06009	1.0	1.0	.0	.0	.0	.0	.0	.0	1.9	0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	97.6
12015	.0	.9	.0	.0	.0	.0	.0	.0	.9	0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	96.5
18021	.7	.7	.0	.0	.0	.0	.0	.0	1.4	8	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	96.5
TOT	3	5	0	0	0	0	0	0	8	0	4	1	5	0	0	0	0	0	0	0	536
PCT	.5	.9	.0	.0	.0	.0	.0	.0	1.4	.0	.7	.2	.9	.0	.0	.0	.0	.0	.0	.0	96.8

APRIL

PERIOD: (PRIMARY) 1916-1966
(OVER-ALL) 1855-1966

AREA 0014 PAEDDA POINT
15.3N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	2.6	8.0	1.2	.0	.0	.0	.0	11.8	6.2	10.9	11.3	15.1	14.0	12.7	10.6	9.1	8.6
NE	1.3	1.5	.2	.0	.0	.0	.0	3.0	4.9	3.6	4.3	3.5	3.5	.5	2.7	1.4	2.9
E	.4	1.8	.8	.5	.0	.0	.0	3.4	10.7	1.8	4.6	3.5	3.4	.0	2.7	2.9	2.9
SE	.3	1.7	.6	.1	.0	.0	.0	2.8	8.8	.0	3.5	3.3	3.1	2.0	2.4	2.4	3.1
S	1.1	2.2	.6	.1	.0	.0	.0	3.9	6.9	1.8	5.3	5.1	2.8	3.9	1.8	4.0	4.6
SW	3.0	9.2	1.5	.0	.0	.0	.0	13.7	6.2	10.9	11.0	13.0	12.6	16.2	15.9	15.1	14.9
W	3.8	18.9	2.9	.2	.0	.0	.0	25.9	7.0	33.2	24.5	22.2	19.1	37.7	25.9	27.9	32.0
NW	3.7	22.5	3.4	*	.0	.0	.0	29.6	7.1	28.6	29.8	29.3	35.0	27.0	31.8	25.0	27.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	5.9	774	131	11	0	0	1177	5.9	6.5	9.1	5.7	5.1	4.5	.0	6.1	12.2	3.4
TOT OBS	261	65.8	11.1	.9	.0	.0	1177	100.0		55	141	257	177	51	165	156	175
TOT PCT	22.2						100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40						00	03	06	09	12	15	18
N	7.5	4.2	.2	.0	.0	.0	11.8	6.2	11.2	14.6	11.1	8.8				
NE	2.4	.5	.1	.0	.0	.0	3.0	4.9	4.1	3.5	2.2	2.2				
E	1.4	1.0	.9	*	.0	.0	3.4	10.7	3.8	4.3	2.1	2.9				
SE	1.3	1.2	.3	*	.0	.0	2.8	8.8	2.6	3.2	2.3	2.8				
S	2.3	1.3	.0	.0	.0	.0	3.9	6.9	4.3	4.1	2.3	4.3				
SW	8.6	5.0	.3	.0	.0	.0	13.7	6.2	11.0	12.8	16.0	15.0				
W	14.4	10.9	.6	.0	.0	.0	25.9	7.0	26.9	20.9	28.7	30.1				
NW	15.2	13.8	.6	.0	.0	.0	29.6	7.1	29.5	31.6	30.7	26.4				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	5.9	446	36	1	0	1177	5.9	.0	6.6	4.6	4.6	7.6				
TOT OBS	694	37.9	3.1	.1	.0	1177	6.5		196	434	216	331				
TOT PCT	59.0				.0	100.0	100.0		100.0	100.0	100.0	100.0				

APRIL

PERIOD: (PRIMARY) 1915-1966
(OVER-ALL) 1855-1966

AREA 0014 PAGODA POINT
15.3N 93.1E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				49+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
0003	6.6	15.3	67.3	10.2	.5	.0		.0	6.5	100.0	196
0609	4.8	16.6	68.0	10.1	.5	.0		.0	6.3	100.0	434
1215	4.6	16.7	67.6	9.7	1.4	.0		.0	6.7	100.0	216
1821	7.6	16.3	60.7	13.9	1.5	.0		.0	6.6	100.0	331
TJT	69	192	774	131	11	0		0	6.5		1177
PCT	5.9	16.3	65.8	11.1	.9	.0		.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	MEAN CLOUD COVER	
						OBSCD	
N	9.4	4.0	.6	.6		2.1	
NE	.4	.2	1.5	.2		5.0	
E	.0	.0	.0	.0		.0	
SE	.9	.7	.7	.0		2.8	
S	.9	2.2	.7	.7		3.8	
SW	6.6	2.2	6.1	.0		3.5	
W	15.4	7.0	5.1	.7		2.8	
NW	13.4	7.9	5.0	1.5		2.9	
VAR	.0	.0	.0	.0		.0	
CALM	2.9	.7	.7	.0		2.0	
TOT OBS	68	34	29	5	136	2.9	
TOT PCT	50.0	25.0	21.3	3.7	100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL OBS	CLOUD COVER	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH ANY	<5/8 TOTAL
N	9.4	4.0	.6	.6		2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0
NE	.4	.2	1.5	.2		5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
E	.0	.0	.0	.0		2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.9	.7	.7	.0		3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
S	.9	2.2	.7	.7		3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	6.6	2.2	6.1	.0		2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
W	15.4	7.0	5.1	.7		2.9	.0	.0	.0	.0	1.8	.7	.0	.0	.0	.0	.0	12.5
NW	13.4	7.9	5.0	1.5		2.9	.0	.0	.0	.0	.9	.7	.0	.0	.0	.0	.0	26.7
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.1
CALM	2.9	.7	.7	.0		2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	68	34	29	5	136	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
TOT PCT	50.0	25.0	21.3	3.7	100.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	124
																		91.2
																		136
																		100.0

PERIOD: (PRIMARY) 1916-1965
(OVER-ALL) 1855-1966

APRIL

AREA 0014 PAGODA POINT
15.3N 93.1E

TABLE 7

CEILING (FEET)	CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)									
	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0		
OR >6500	.7	.7	.7	.7	.7	.7	.7	.7		
OR >5000	.7	.7	.7	.7	.7	.7	.7	.7		
OR >3500	.7	.7	.7	.7	.7	.7	.7	.7		
OR >2000	3.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6		
OR >1000	7.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2		
OR >600	7.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2		
OR >300	7.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2		
OR >150	7.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2		
OR >0	7.0	9.2	9.2	9.2	9.2	9.2	9.2	9.2		
TOTAL	10	13	13	13	13	13	13	13		

TOTAL NUMBER OF OBS: 142 PCT FREQ NH <5/8: 90.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)									
0	1	2	3	4	5	6	7	8	TOTAL OBS
13.6	22.8	27.8	17.9	8.6	4.3	2.5	.6	1.9	.0 162

PERIOD: (PRIMARY) 1916-1966
(OVER-ALL) 1855-1966

APRIL

AREA 0014 PAGODA POINT
15.3N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NH)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1 NO PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2 NO PCP	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.6	
TOT %	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.6	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.2	.2	.4	.2	.2	.0	.0	.2	1.3	
5<10 NO PCP	1.6	.6	.7	1.3	.9	3.4	4.8	7.1	.0	.6	21.0	
TOT %	1.6	.6	.8	1.5	1.3	3.6	5.0	7.1	.0	.7	22.3	
PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
10+ NO PCP	10.1	1.4	.9	1.7	3.3	10.6	21.8	24.1	.0	.0	76.7	
TOT %	10.1	1.4	.9	1.7	3.3	10.8	21.8	24.1	.0	2.8	76.9	
TOT OBS												537
TOT PCT	11.9	2.4	1.8	3.2	4.6	14.6	26.8	31.1	.0	3.5	100.0	

PERIOD: (PRIMARY) 1916-1966
(OVER-ALL) 1855-1966

APRIL

AREA 0014 PAGODA POINT
15.3N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
1<2	0-3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
	4-10	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2
	11-21	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1
	TOT %	.1	.2	.1	.0	.1	.1	.0	.0	.0	.0	.6
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.2
	11-21	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2
	TOT %	.0	.1	.4	.1	.1	.1	.0	.0	.0	.0	.8
5<10	0-3	.5	.1	.0	.1	.2	.6	.6	.9	.0	.5	3.6
	4-10	.5	.3	.6	.6	.5	1.0	2.1	3.5	.0	.0	9.1
	11-21	.0	.1	.3	.2	.2	.6	.4	.2	.0	.0	2.0
	TOT %	1.1	.5	.9	1.0	.9	2.3	3.4	4.6	.0	.5	15.0
10+	0-3	1.7	1.3	.4	.1	.9	2.1	2.6	2.1	.0	5.1	16.4
	4-10	8.4	1.3	1.3	1.6	1.7	7.3	18.1	19.6	.0	.0	59.4
	11-21	1.2	.2	.3	.5	.2	.7	2.0	2.3	.0	.0	7.3
	TOT %	11.2	2.8	2.3	2.3	2.8	10.2	22.7	24.0	.0	5.1	83.4
TOT OBS												864
TOT PCT		12.4	3.6	3.8	3.4	3.8	12.7	26.0	28.6	.0	5.6	100.0

TABLE 10
 PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
 OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	.0	4.5	.0	.0	2.3	.0	6.8	93.2	44
06009	.0	.0	.0	.0	4.7	9.3	.0	.0	.0	.0	14.0	86.0	43
12015	.0	.0	.0	.0	7.9	2.6	.0	.0	.0	.0	10.5	89.5	38
18021	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	35
TOT PCT	.0 .0	.0 .0	.0 .0	.0 .0	5 3.1	7 4.4	0 .0	0 .0	1 .6	0 .0	13 8.1	147 91.9	160 100.0

TABLE 11

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	8.1	91.9	37
06009	.0	.0	.0	.0	5.4	94.6	37
12015	.0	.0	.0	.0	2.7	97.3	37
18021	.0	.0	.0	3.2	6.5	90.3	31
TOT PCT	.0 .0	.0 .0	.0 .0	1 .7	8 5.6	133 93.7	142 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR CEILING HGT (FEET, NH >4/8), BY HOUR	HOUR (GMT)	<150 CEILING HGT	<600 CEILING HGT	<1000 CEILING HGT	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
	00003	.0	.0	.0	8.1	91.9	37
	06009	.0	.0	.0	16.2	83.8	37
	12015	.0	.0	.0	10.8	89.2	37
	18021	.0	.0	3.2	.0	96.8	31
TOT PCT	.0 .0	0 .0	0 .0	1 .7	13 9.2	128 90.1	142 100.0

APRIL

1946-1960
1955-1960

AREA 0014 PAGODA POINT
15.3N 93.1E

TABLE 15

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PC1 FREQ	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/75	.0	.0	.0	.0	.0	.0	.0	.0	1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80/70	.0	.0	.0	.0	.0	.0	.0	.0	28	22.9	3.6	.2	.2	.9	1.5	4.7	6.9	4.8	.0	.0
75/65	.0	.0	.0	.0	.0	.0	.0	.0	124	74.7	7.7	3.2	.0	1.5	2.7	14.2	20.5	21.4	.0	3.6
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	166	100.0	11.3	3.9	.3	2.4	4.8	19.4	28.0	26.2	.0	3.6

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

TEMP F	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
0000	87	86	85	82	79	77	76	82.4	197
0600	92	91	88	84	81	79	77	84.4	432
1200	88	87	86	83	79	77	73	82.9	211
1800	88	86	85	82	79	77	73	81.8	331
TOTAL	92	90	87	83	79	77	73	83.1	1171

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
0000	.0	.0	.0	.0	.0	.0	.0	.0
0600	.0	.0	.0	.0	.0	.0	.0	.0
1200	.0	.0	.0	.0	.0	.0	.0	.0
1800	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0

PCN:1001 (PRIMARY) 1010-1960
(OVER-ALL) 1855-1960

APRIL

AREA 0014, PAGODA POINT
15.3N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	92	TOT	M	WD
	76	80	84	88	92	92	FOG	FOG	FOG
9/10	.0	.0	.4	.6	.0	.0	5	.0	1.0
7/8	.0	.0	.0	.2	.0	.0	1	.0	.2
6	.0	.0	.2	.0	.0	.0	1	.0	.2
5	.0	.0	.2	1.2	.2	.0	8	.0	1.6
4	.0	.0	1.2	2.8	.4	.0	22	.0	4.3
3	.0	.0	.0	.2	.0	.0	1	.0	.2
2	.0	.0	5.5	6.9	.0	.0	63	.0	12.4
1	.0	.0	1.7	2.2	.0	.0	18	.0	3.5
0	.0	.6	18.7	6.3	.0	.0	130	.0	25.6
-1	.0	1.0	8.5	1.4	.0	.0	55	.0	10.8
-2	.0	2.4	24.6	1.0	.0	.0	142	.0	28.0
-3	.0	.8	2.6	.2	.0	.0	18	.2	3.3
-4	.0	1.2	5.1	.2	.0	.0	33	.0	6.5
-5	.0	.2	.8	.0	.0	.0	5	.0	1.0
-6	.0	.2	.0	.0	.0	.0	1	.0	.2
-7/-8	.0	.6	.0	.0	.0	.0	3	.0	.6
-9/-10	.2	.0	.0	.0	.0	.0	1	.0	.2
-11/-13	.2	.0	.0	.0	.0	.0	1	.0	.2
TOTAL	2	35	351	117	3	3	508	1	507
PCT	.4	6.9	69.1	23.0	.6	.6	100.0	.2	99.8

AREA 0014 PAGODA PJINT
15.3N 93.1E

APRIL
TABLE 18

PERIOD: (OVER-ALL) 1963-1966

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
<1	1.3	3.6	.0	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	6.3	.0	.0	.0	.0	6.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
3-4	.0	7.2	.0	.0	.0	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	1.3	.0	.0	.0	.0	.0	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.7	17.0	.0	.0	.0	.0	19.7	.4	.4	.0	.0	.0	.0	.9	.4	.4	.0	.0	.0	.0	.9

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

APRIL
TABLE 18

PERIOD (OVER-ALL) 1963-1965

AREA 0014, PAGODA POINT
15.3N 93.1E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT														
<1	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	.0	1.8
1-2	.0	.0	.0	.0	.0	.0	.0	1.8	2.2	.0	.0	.0	.0	4.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	1.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	3.6	4.0	.0	.0	.0	.0	7.6

	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
HGT														
<1	.0	.0	.0	.0	.0	.0	.0	.4	7.2	.0	.0	.0	.0	7.6
1-2	.0	.0	.0	.0	.0	.0	.0	.0	10.3	.0	.0	.0	.0	10.3
3-4	.0	.0	.0	.0	.0	.0	.0	.0	4.0	2.7	.0	.0	.0	6.7
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.8	30.5	8.1	.0	.0	.0	40.4	.4	21.5	2.7	.0	.0	.0	24.7

APRIL
TABLE 18 (CONT)

PERIOD: (OVER-ALL) 1963-1966

AREA 0014, PAGODA POINT
15.3N 93.1E

WIND SPEED (KTS) VS SEA HEIGHT (FT)

HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT OBS
<1	12.1	15.5	.0	.0	.0	.0	27.6	
1-2	3.4	39.7	3.4	.0	.0	.0	46.6	
3-4	.0	17.2	6.9	.0	.0	.0	24.1	
5-6	1.7	.0	.0	.0	.0	.0	1.7	
7	.0	.0	.0	.0	.0	.0	.0	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-50	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	17.2	72.4	10.3	.0	.0	.0	100.0	58

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	14.0	26.4	15.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	69
6-7	.0	2.5	13.2	5.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
8-9	.0	.0	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
INDET	9.1	1.7	3.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18
TOTAL	28	37	43	9	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	121	1
PCT	23.1	30.6	35.5	7.4	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

PERIOD: (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHR	RAIN SHR	DRZL PCPN	PRECIPITATION TYPE			HAIL PCPN	HAIL PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FG	SMOKE	DUST	BLWG	SNOW	
NE	.1	.1	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	3.2
N	.2	.0	.0	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.0	.0	2.0
E	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	1.3
SE	.4	.1	.0	.0	.0	.0	.0	.0	.5	.2	.0	.0	.0	.0	.0	4.4
S	.5	.4	.1	.0	.0	.0	.0	.0	.9	.1	.2	.0	.0	.0	.0	16.6
SW	.7	1.3	.6	.0	.0	.0	.0	.0	2.6	.7	.0	.0	.0	.0	.0	26.7
W	.7	.6	.2	.0	.0	.0	.0	.0	1.5	.3	.0	.0	.0	.0	.0	23.7
NW	.4	.1	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	11.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	18	14	5	0	0	0	0	0	37	8	.0	.0	.0	.0	.0	557
TOT PCT	3.2	2.5	.9	.0	.0	.0	.0	.0	6.6	1.4	.2	.0	.0	.0	.0	92.3

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHR	DRZL PCPN	PRECIPITATION TYPE			HAIL PCPN	HAIL PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER PCPN					FG	SMOKE	DUST	BLWG	SNOW	
0003	2.3	3.5	.0	.0	.0	.0	.0	.0	5.8	.0	.0	.0	.0	.0	.0	94.2
0609	1.9	4.3	2.4	.0	.0	.0	.0	.0	8.7	.5	.0	.0	.0	.0	.0	91.3
1215	2.4	.8	.0	.0	.0	.0	.0	.0	3.2	.8	.0	.0	.0	.0	.0	96.0
1821	6.2	2.8	.0	.0	.0	.0	.0	.0	9.0	4.1	.7	.0	.0	.0	.0	87.6
TOT	18	17	5	0	0	0	0	0	40	8	1	.0	.0	.0	.0	518
PCT	3.2	3.0	.9	.0	.0	.0	.0	.0	7.1	1.4	.2	.0	.0	.0	.0	91.8

MAY

 PERIOD: (PRIMARY, 1910-1971
 (OVER-ALL) 1855-1971

 AREA 0014 PACODA POINT
 15.4N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	-OTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	.7	2.1	.4	.0	.0	.0	.0	3.1	6.8	1.6	2.2	3.8	5.7	4.0	3.2	2.0	1.8
NE	1.1	.7	.2	.1	.0	.0	.0	2.0	5.8	1.0	4.4	1.3	3.8	.0	2.5	1.0	1.5
E	.3	.5	.4	.0	.0	.0	.0	1.2	8.0	1.2	1.9	1.5	1.0	.8	1.1	.3	1.5
SE	.5	3.1	1.3	.3	.0	.0	.0	5.2	9.2	7.9	5.0	6.7	6.1	6.7	2.9	5.0	3.1
S	2.0	7.3	4.8	.7	.0	.0	.0	14.8	9.8	15.9	10.0	16.3	13.1	21.0	16.6	15.1	13.4
SW	3.3	19.5	9.0	1.5	.1	.0	.0	33.4	9.7	34.1	38.5	31.8	27.7	35.7	28.6	40.6	34.7
W	2.9	14.1	7.4	.5	.0	.0	.0	24.9	9.0	27.0	26.3	22.3	25.5	25.0	25.5	20.5	28.8
NW	1.4	8.6	1.7	.3	.0	.0	.0	12.0	7.6	9.1	10.0	12.7	15.9	6.7	15.9	10.9	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	3.4	527	283	37	1	.0	1122	3.4	.0	3.2	3.7	3.3	1.3	.0	3.6	4.6	5.3
TOT OBS	174	55.9	25.2	3.3	.1	.0		100.0	8.7	63	135	243	157	63	140	151	170
TOT PCT	15.5									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPC	00	03	06	09	12	15	18	21
N	1.7	1.3	.1	.0	.0	.0	3.1	6.8	2.0	2.0	4.6	3.4	1.9			
NE	1.7	.1	.2	.1	.0	.0	2.0	5.8	3.0	3.0	2.3	1.7	1.2			
E	.6	.5	.1	.0	.0	.0	1.2	8.0	1.6	1.6	1.3	1.0	.9			
SE	2.0	2.6	.6	.0	.0	.0	5.2	9.2	5.9	5.9	6.4	4.1	4.0			
S	4.8	7.7	2.1	.1	.0	.0	14.8	9.8	11.3	11.3	15.0	18.1	14.2			
SW	11.4	17.5	3.9	.5	.0	.0	33.4	9.7	35.7	35.7	30.2	30.8	37.5			
W	8.5	14.3	2.0	*	.0	.0	24.9	9.0	26.5	26.5	23.8	25.4	24.9			
NW	5.9	5.7	.4	.0	.0	.0	12.0	7.6	9.7	9.7	13.9	13.1	10.4			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	3.4	558	176	9	.0	1122	3.4	.0	3.5	3.5	2.5	2.5	5.0			
TOT OBS	449	49.7	9.4	.8	.0		100.0	8.7	198	198	400	203	321			
TOT PCT	40.0				.0				100.0	100.0	100.0	100.0	100.0			

PERIOD: (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 4

HOUR	CALM	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)					PCT FREQ	TOTAL OBS
		1-3	4-10	11-21	22-33	34-47	48+	
0000	3.5	7.6	58.1	28.8	1.5	.5	.0	198
0600	2.5	12.0	55.5	26.6	3.3	.0	.0	400
1200	2.5	11.8	54.7	26.6	4.4	.0	.0	203
1800	5.0	15.3	55.8	20.2	3.7	.0	.0	321
TOT	38	136	627	283	37	1	0	1122
PCT	3.4	12.1	55.9	25.2	3.3	.1	.0	100.0

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL	MEAN CLOUD COVER
N	.0	.0	.4	.0	0.4	5.0
NE	.0	.0	.1	.0	0.1	5.0
E	.0	.0	.9	.0	0.9	6.0
SE	.0	3.3	2.7	1.0	7.0	5.0
S	1.8	4.6	7.6	4.0	17.4	5.2
SW	8.1	11.5	13.3	6.6	39.5	4.6
W	5.5	6.6	8.1	4.5	24.7	4.6
NW	1.3	.3	3.3	.6	5.5	4.8
VAR	.0	.0	.0	.0	0.0	.0
CALM	.6	2.4	.6	.0	3.6	3.6
TOT OBS	29	48	62	28	167	4.7
TOT PCT	17.4	28.7	37.1	16.8	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	300	599	600	600	1000	1000	1999	2000	3499	3500	4999	5000	6499	6500	7999	8000+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOT PCT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PERIOD: PRIMARY, 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (RM)

CEILING (FEET)	JR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >5/8	OR >0
OR >6500	.6	.6	.6	.6	.6	.6	.6	.6
OR >5000	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
OR >3500	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0
OR >2000	5.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5
OR >1000	15.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6
OR >600	18.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6
OR >300	18.5	28.6	29.2	29.2	29.2	29.2	29.2	29.2
OR >150	18.5	28.6	29.2	29.2	29.2	29.2	29.2	29.2
OR >0	18.5	28.6	29.2	29.2	29.2	29.2	29.2	29.2
TOTAL	31	48	49	49	49	49	49	49

TOTAL NUMBER OF OBS: 168

PCT FREQ NH < 5/81 70.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	ORSCD	TOTAL OBS
3.3	16.6	21.5	13.8	12.2	6.6	6.1	7.7	7.2	.0	181	

PERIOD: (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PACODA POINT
15.4N 93.1E

TABLE B

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	PCP	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	
	NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	
1/2<1	PCP	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	
	NO PCP	.0	.0	.0	.0	.4	.0	.0	.0	.0	.4	
	TOT %	.0	.0	.1	.1	.4	.0	.0	.0	.0	.6	
1<2	PCP	.0	.0	.0	.0	.1	.3	.0	.0	.0	.4	
	NO PCP	.0	.0	.0	.0	.4	.4	.0	.0	.0	.7	
	TOT %	.0	.0	.0	.0	.5	.7	.0	.0	.0	1.1	
2<5	PCP	.0	.0	.0	.1	.3	.0	.2	.0	.0	.5	
	NO PCP	.2	.0	.1	.1	.4	.2	.2	.0	.0	1.3	
	TOT %	.2	.0	.1	.2	.7	.4	.4	.0	.0	1.8	
5<10	PCP	.1	.0	.2	.2	1.4	.9	.4	.0	.0	3.2	
	NO PCP	.9	.1	.8	4.6	6.0	5.1	2.2	.0	.0	21.5	
	TOT %	1.0	.9	.3	4.8	7.4	6.1	3.1	.0	.4	24.8	
10+	PCP	.1	.0	.1	.3	.4	.9	.1	.0	.0	2.2	
	NO PCP	2.1	1.1	3.7	11.7	20.0	18.6	8.8	.0	.0	69.5	
	TOT %	2.2	1.1	4.0	12.1	20.9	18.9	8.8	.0	2.3	71.6	
TOT OBS		3.4	2.2	1.7	5.1	17.8	29.6	25.4	12.2	.0	2.7	100.0
TOT PCT												557

PERIOD (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	TOT %	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2
	TOT %	.0	.0	.1	.1	.0	.2	.0	.0	.0	.0	.4	.4
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.1	.0	.0	.0	.3	.2	.0	.0	.0	.0	.6	.6
	22+	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2
	TOT %	.1	.0	.0	.0	.3	.4	.0	.0	.0	.0	.8	.8
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.2	.2	.1	.0	.0	.5	.5
	11-21	.1	.2	.1	.2	.4	.0	.2	.1	.0	.0	1.3	1.3
	22+	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.2	.2
	TOT %	.1	.2	.1	.2	.4	.3	.4	.3	.0	.0	2.0	2.0
5<10	0-3	.0	.5	.1	.1	.2	.2	.2	.2	.0	.2	1.7	1.7
	4-10	.7	.1	.1	.1	1.1	3.0	1.8	1.3	.0	.0	8.2	8.2
	11-21	.0	.0	.1	.6	1.7	2.3	2.9	.5	.0	.0	8.2	8.2
	22+	.0	.0	.0	.1	.4	.4	.1	.0	.0	.0	.8	.8
	TOT %	.7	.6	.2	.8	3.4	5.9	4.9	2.1	.0	.2	18.9	18.9
10+	0-3	.9	1.0	.4	.3	1.5	3.2	2.2	1.3	.0	2.5	13.2	13.2
	4-10	1.6	.5	.5	3.0	6.3	16.0	11.6	7.4	.0	.0	46.8	46.8
	11-21	.3	.0	.4	1.0	3.7	4.7	5.3	.9	.0	.0	16.2	16.2
	22+	.0	.0	.0	.1	.5	.8	.2	.0	.0	.0	1.6	1.6
	TOT %	2.8	1.4	1.2	4.4	11.9	24.6	19.3	9.6	.0	2.5	77.8	77.8
TOT OPS													832
TOT PCT		3.7	2.4	1.6	5.5	16.1	31.5	24.6	12.0	.0	2.8	100.0	

PERIOD: (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	.0	5.9	17.6	.0	.0	2.0	.0	.0	25.5	74.5	51
06009	.0	.0	.0	.0	4.8	14.3	7.1	2.4	.0	.0	.0	28.6	71.4	42
12015	.0	.0	.0	.0	6.7	20.0	4.4	4.4	.0	.0	2.2	37.8	62.2	45
18021	.0	.0	2.4	4.8	7.1	2.4	.0	.0	.0	.0	.0	16.7	83.3	42
TOT PCT	0 .0	0 .0	1 .6	10 5.6	27 15.0	6 3.3	1 1.7	3 1.7	1 .6	0 .6	1 .6	49 27.2	131 72.8	180 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	8.9	91.1	45
06009	.0	.0	.0	.0	17.5	82.5	40
12015	.0	.0	.0	.0	11.1	88.9	45
18021	.0	.0	.0	5.3	15.8	78.9	38
TOT PCT	0 .0	0 .0	0 .0	2 1.2	22 13.1	144 85.7	168 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH >4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH <5/8 AND 5+	TOTAL OBS
00003	.0	.0	6.7	22.2	71.1	45
06009	.0	.0	5.0	25.0	70.0	40
12015	.0	.0	6.7	31.1	62.2	45
18021	.0	2.6	10.5	10.5	78.9	38
TOT PCT	0 .0	1 .6	12 7.1	38 22.6	118 70.2	168 100.0

PERIOD: (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014 PACODA POINT
15.4N 93.1E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
92/54	.0	.0	.0	.0	1.3	1.3	.6	.0			5	3.2
85/89	.0	.0	.0	.0	3.2	28.5	18.4	1.3			81	51.3
80/84	.0	.0	.0	.0	.0	8.2	29.7	6.3			70	44.3
75/79	.0	.0	.0	.0	.0	.0	.0	1.3			2	1.3
TOTAL	.0	.0	.0	.0	7	60	77	14			158	100.0
PCT	.0	.0	.0	.0	4.4	38.0	48.7	8.9				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	1.0	.0	.0	.6	1.9	.6	.0	.0	.0	
1.7	1.4	.3	2.7	6.2	18.4	15.5	3.8	.0	1.3	
.9	.6	.5	3.0	5.7	15.2	12.7	6.4	.0	1.3	
.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	
2.7	2.1	.3	5.7	12.5	35.4	30.1	8.2	.0	2.5	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	90	88	87	84	81	78	76	84.1	195
06009	93	92	90	86	81	77	75	85.7	396
12015	90	89	88	84	81	77	77	84.4	201
18021	90	88	85	84	81	77	75	83.5	318
TOT	93	91	89	84	81	77	75	84.6	1110

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00003	.0	.0	.0	24.4	65.9	9.8	82	41
06009	.0	.0	13.3	53.3	31.1	2.2	77	45
12015	.0	.0	2.7	45.9	43.2	8.1	80	37
18021	.0	.0	.0	30.8	53.8	15.4	82	39
TOT	0	0	7	63	78	14	80	162

PERIOD: (PRIMARY) 1919-1971
(OVER-ALL) 1855-1971

MAY

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	76	77	80	81	84	85	88	89	>92	TOT	W		WFOG	HFOG
9/10	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	1	.0	.0	.0	.2
7/8	.0	.0	.0	.0	.0	.0	.4	.0	.2	.0	3	.0	.0	.0	.6
6	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	3	.0	.0	.0	.6
5	.0	.0	.0	.0	.4	.0	1.9	.6	.2	.0	16	.0	.0	.0	3.1
4	.0	.0	.0	.0	1.2	.3	3.3	1.4	.0	.0	30	.0	.0	.0	5.8
3	.0	.0	.0	.0	.2	1.2	1.2	1.2	.0	.0	13	.0	.0	.0	2.5
2	.0	.0	.0	.0	.4	1.1	6.4	.6	.0	.0	57	.2	.0	.0	10.8
1	.0	.0	.0	.0	.4	3.1	.4	.0	.0	.0	20	.0	.0	.0	3.9
0	.0	.0	.0	.0	13.2	11.4	1.0	.0	.0	.0	132	.0	.0	.0	25.3
-1	.0	.0	.0	.0	6.0	3.7	.0	.0	.0	.0	50	.0	.0	.0	9.7
-2	.0	.0	.0	.4	15.3	5.0	.2	.0	.0	.0	109	.0	.0	.0	20.9
-3	.0	.0	.0	.2	2.5	.8	.0	.0	.0	.0	18	.0	.0	.0	3.5
-4	.0	.0	.0	.4	7.5	.2	.0	.0	.0	.0	42	.0	.0	.0	8.1
-5	.0	.0	.0	.4	1.9	.2	.0	.0	.0	.0	13	.0	.0	.0	2.5
-6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0	.2
-7/-8	.0	.0	.8	.8	.0	.0	.0	.0	.0	.0	8	.0	.0	.0	1.5
-9/-10	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0	.2
-11/-13	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0	.2
TOTAL	2	2	12	276	194	32	32	32	32	32	517	1	1	1	516
PCT	.4	.4	2.3	53.4	37.5	6.2	6.2	6.2	6.2	6.2	100.0	.2	.2	.2	99.8

MAY
TABLE 18
AREA 0014 PAGODA POINT
15.4N 93.1E

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.3	.0	.0	.0	.0	.0	1.3	.4	5.0	3.8	.0	.0	.0	9.2

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	3.3	.0	.0	.0	.0	3.3	.0	3.3	.0	.0	.0	.0	3.3
1-2	.0	3.3	2.9	.0	.0	.0	6.3	1.7	7.1	.8	.0	.0	.0	9.6
3-4	.0	2.9	4.2	.0	.0	.0	7.1	.0	.8	2.1	.0	.0	.0	9.6
5-6	.0	.0	3.6	.0	.0	.0	3.8	.0	3.3	2.9	3.3	.0	.0	9.6
7	.0	.0	2.5	.0	.0	.0	2.5	.0	.0	1.7	.4	.0	.0	2.1
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	9.6	13.4	.0	.0	.0	23.0	1.7	14.6	7.5	3.8	.0	.0	27.6

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	7.9	.0	.0	.0	.0	11.3	.0	.4	.0	.0	.0	.0	.4
1-2	.0	6.3	4.2	.0	.0	.0	10.5	1.7	.0	.0	.0	.0	.0	1.7
3-4	.0	4.2	2.9	.0	.0	.0	7.1	.0	.4	.0	.0	.0	.0	.4
5-6	.0	.0	3.3	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	1.7	1.3	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	3.3	18.4	12.1	1.3	.0	.0	35.1	1.7	.8	.0	.0	.0	.0	2.5

PERIOD: (OVER-ALL) 1963-1971

MAY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	5.0	16.7	.0	.0	.0	.0	21.7	60
1-2	5.0	20.0	8.3	.0	.0	.0	33.3	
3-4	.0	8.3	11.7	.0	.0	.0	20.0	
5-6	.0	3.3	10.0	3.3	.0	.0	16.7	
7	.0	.0	6.7	1.7	.0	.0	8.3	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	10.0	48.3	36.7	5.0	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF HAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	4.1	15.6	17.2	6.6	8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	3
6-7	.0	.8	6.6	8.2	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25	5
8-9	.0	.8	3.3	2.5	4.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	5
10-11	.0	.8	.0	.0	.8	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	7
12-13	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3
>13	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	7
INDET	4.9	4.9	4.1	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	2
TOTAL	11	28	39	23	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	122	4
PCT	9.0	23.0	32.0	18.9	13.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

JUNE

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

AREA 0014 PACODA POINT
15.4N 93.2E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER PCPN					FG	SMOKE	DUST	HAZE	BLWG	SIG
N	.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.4
NE	.3	.0	.0	.0	.0	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0
E	.2	.0	.0	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
S	1.0	.1	.5	.0	.0	.0	.0	1.6	1.6	.2	.0	.0	.0	.0	.0	14.6
SW	7.9	3.6	1.7	.0	.0	.0	.0	13.3	13.3	1.1	.0	.2	.0	.0	.0	54.3
W	1.5	.7	.1	.0	.0	.0	.0	2.3	2.3	.0	.0	.0	.0	.0	.0	7.4
NW	.7	.2	.0	.0	.0	.0	.0	.9	.9	.0	.0	.0	.0	.0	.0	.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	61	24	12	0	0	0	0	.0	97	7	.0	.0	.0	.0	1	420
TOT PCT	11.7	4.6	2.3	.0	.0	.0	.0	18.6	18.6	1.3	.0	.2	.0	.0	.0	80.5

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER PCPN					FG	SMOKE	DUST	HAZE	BLWG	SIG
00003	10.4	10.4	3.9	.0	.0	.0	.0	24.7	24.7	2.6	.0	.0	.0	.0	.0	74.0
06009	9.8	3.6	2.1	.0	.0	.0	.0	15.5	15.5	.0	.0	.0	.0	.0	.0	83.9
12015	13.2	3.1	2.3	.0	.0	.0	.0	18.6	18.6	1.6	.0	.0	.0	.0	.0	80.6
18021	14.3	4.8	1.6	.0	.0	.0	.0	20.6	20.6	4.0	.0	.0	.0	.0	.0	77.0
TOT	62	25	12	0	0	0	0	18.9	99	9	.0	1	.0	.0	.0	420
PCT	11.8	4.8	2.3	.0	.0	.0	.0	18.9	18.9	1.7	.0	.2	.0	.0	.0	80.0

JUNE

AREA 0014, PAGODA POINT
15.4N 93.2E

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-3	4-10	11-21	22-33	34-47	48+	TOTL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15
N	.0	.2	.2	*	.0	.0	.0	.5	14.5	.0	.0	.2	1.3	.0	1.1
NE	.0	.2	.1	*	.0	.0	.0	.4	12.3	.0	.5	.7	.0	.0	1.1
E	.0	.3	.3	.1	.0	.0	.0	.5	10.8	.0	1.4	.5	.6	.0	1.1
SE	.0	1.2	.5	*	.0	.0	.0	1.7	9.4	2.2	.9	.7	2.6	.4	2.2
S	.3	5.9	7.5	1.6	.0	.0	.0	15.3	12.7	17.7	18.4	16.1	16.5	14.1	15.8
SW	.3	18.9	36.7	11.5	.3	.0	.0	67.7	15.1	67.7	67.0	70.0	65.2	71.0	65.6
W	.2	4.0	5.0	2.0	.0	.0	.0	11.2	14.0	9.9	10.5	10.5	13.1	12.3	12.2
NW	.0	.7	.6	.2	.0	.0	.0	1.5	13.4	2.6	1.4	1.4	.6	2.2	2.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.3	339	530	163	3	.0	.0	.3	14.4	.58	110	220	156	.69	.0
TOT OBS	1.1	32.4	50.7	15.6	.3	.0	1046	100.0		100.0	100.0	100.0	100.0	100.0	100.0
TOT PCT															

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)				
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18
N	.0	.2	.2	.0	.0	.0	.5	14.5	.0	.0	.7	.7	.7	.7	.3
NE	.0	.3	*	.0	.0	.0	.4	12.3	.3	.3	.4	.4	.7	.7	.2
E	.2	.2	.1	.0	.0	.0	.5	10.8	.9	.9	.5	.5	.7	.7	.0
SE	.7	.8	.2	.0	.0	.0	1.7	9.4	1.3	1.3	1.5	1.6	1.6	1.6	2.2
S	2.0	10.0	4.1	.2	.0	.0	15.3	12.7	18.2	18.2	16.3	15.3	16.0	16.0	16.0
SW	3.8	34.8	26.7	2.3	.1	.0	67.7	15.1	67.3	67.3	68.0	67.4	67.7	67.7	67.7
W	1.2	6.2	3.4	.4	.0	.0	11.2	14.0	10.3	10.3	11.6	10.9	11.5	11.5	11.5
NW	*	1.0	.5	.0	.0	.0	1.5	13.4	1.8	1.8	1.1	2.6	1.1	1.1	1.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.3	560	369	31	1	1046	.3	.0	.0	.0	.0	.0	.0	.0	1.0
TOT OBS	6.1	53.5	35.3	3.0	.1		100.0	14.4	168	168	100.0	100.0	208	294	294
TOT PCT									100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

JUNE

AREA 0014 PAGODA POINT
15.4N 93.2E

TABLE 4

HOUR	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)									
	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL DBS
00003	.0	.6	34.5	50.0	14.3	.6	.0	14.2	100.0	168
06009	.0	.8	30.9	51.6	16.5	.3	.0	14.7	100.0	376
12015	.0	.5	30.3	52.4	16.3	.5	.0	14.7	100.0	208
18021	1.0	1.0	34.7	48.6	14.6	.0	.0	14.0	100.0	294
TOT	3	8	339	530	163	3	0	14.4		1046
PCT	.3	.8	32.4	50.7	15.6	.3	.0	100.0		

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT BY WIND DIRECTION							TOTAL DBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8-10	11-14	15-18	19-21		
N	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	3.3	2.7	31.6	33.2	6.8	6.7	6.7	159	6.7
W	.5	.5	4.6	4.4	7.5	7.5	7.5	100.0	6.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT DBS	7	7	72	73	45.9	45.9	45.9	159	6.7
TOT PCT	4.4	4.4	45.3	45.9	45.9	45.9	45.9	100.0	6.7

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) BY WIND DIRECTION													
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION													
WIND DIR	00-149	150-299	300-599	600-999	1000-1999	2000-3499	3500-4999	5000-6499	6500-7999	8000+	NH < 5/8	ANY HGT	TOTAL DBS
	00-149	150-299	300-599	600-999	1000-1999	2000-3499	3500-4999	5000-6499	6500-7999	8000+	NH < 5/8	ANY HGT	TOTAL DBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT DBS	0	1	1	1	1	1	1	1	1	1	1	1	159
TOT PCT	.0	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	100.0

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

JUNE

AREA 0014, PAGODA POINT
15.4N 93.2E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.6	.6	.6	.6	.6	.6	.6	.6
OR >5000	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
OR >3500	4.4	5.0	5.0	6.9	6.9	6.9	6.9	6.9
OR >2000	8.8	11.3	11.9	14.3	14.5	14.5	14.5	14.5
OR >1000	28.9	40.9	41.5	44.0	44.0	44.0	44.0	44.0
OR >600	32.1	49.1	52.8	55.3	56.0	56.0	56.0	56.0
OR >300	32.1	49.1	52.8	56.0	56.6	56.6	56.6	56.6
OR >150	32.1	49.1	52.8	56.0	57.2	57.2	57.2	57.2
OR >0	32.1	49.1	52.8	56.0	57.2	57.2	57.2	57.2
TOTAL	51	78	84	89	91	91	91	91

TOTAL NUMBER OF OBS: 159

PCT FREQ NH <5/8: 42.8

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	TOTAL OBS
2.5	6.1	13.2	11.7	10.2	9.1	13.7	9.6	23.4	.5	197

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

JUNE

AREA 0014 PAGODA POINT
15.4N 93.2E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	
1/2<1 ND PCP	.0	.0	.0	.0	.0	.0	.1	*	.0	.0	.2	
TOT %	.0	.0	.0	.0	.0	.2	.1	*	.0	.0	.4	
PCP	.1	.1	.0	.0	.2	1.7	.4	.2	.0	.0	.2	
1<2 ND PCP	.2	.0	.0	.0	.1	.3	.2	.2	.0	.0	1.0	
TOT %	.3	.1	.0	.0	.3	2.0	.6	.4	.0	.0	3.6	
PCP	.0	.0	.2	.0	.0	2.2	.6	.1	.0	.0	.3	
2<5 ND PCP	.0	.0	.0	.0	.1	.7	.0	.0	.0	.0	.8	
TOT %	.0	.0	.2	.0	.1	2.9	.6	.1	.0	.0	3.8	
PCP	.0	.2	.0	.0	.8	7.1	.9	.2	.0	.0	.2	
5<10 ND PCP	.0	.0	.4	1.1	5.0	24.3	1.6	.0	.0	.0	32.4	
TOT %	.0	.2	.4	1.1	5.8	31.5	2.5	.2	.0	.0	41.6	
PCP	.0	.0	.0	.0	.6	2.0	.5	.4	.0	.0	.4	
10+ ND PCP	.2	.0	.1	1.1	9.6	29.8	5.4	.7	.0	.0	47.1	
TOT %	.2	.0	.1	1.1	10.2	31.8	5.9	1.1	.0	.2	50.6	
TOT OBS												522
TOT PCT	.5	.3	.7	2.2	16.4	66.3	9.7	1.8	.0	.2	100.0	

PERIOD (PRIMARY) : 922-1970
(OVER-ALL) : 858-1970

JUNE

AREA 0014 PAGODA POINT
15.4N 93.2E

TABLE 9
PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.1	.0	.0	.0	.2	.6	.3	.1	.0	.0	.0	.2
	22+	.1	.0	.0	.0	.1	1.2	.2	.1	.0	.0	.0	1.3
	TOT %	.2	.1	.0	.0	.3	1.9	.5	.2	.0	.0	.0	3.2
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.1	.1	.0	.2	.5	.0	.0	.0	.0	.0	.8
	11-21	.0	.0	.0	.0	.2	3.1	.5	.1	.0	.0	.0	3.9
	22+	.0	.0	.1	.0	.0	1.0	.0	.0	.0	.0	.0	1.1
	TOT %	.0	.1	.2	.0	.4	4.6	.5	.1	.0	.0	.0	5.8
5<10	0-3	.0	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.6
	4-10	.0	.0	.4	.5	1.3	5.3	1.0	.0	.0	.0	.0	8.5
	11-21	.0	.1	.0	.2	2.2	14.2	1.3	.2	.0	.0	.0	18.2
	22+	.0	.0	.0	.0	.7	6.1	.7	.2	.0	.0	.0	7.6
	TOT %	.0	.1	.4	.7	4.5	25.7	3.2	.4	.0	.0	.0	35.0
10+	0-3	.0	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.7
	4-10	.2	.1	.0	.9	4.9	12.1	2.6	.5	.0	.4	.0	21.2
	11-21	.2	.0	.1	.3	5.0	19.2	3.0	.3	.0	.0	.0	27.9
	22+	.0	.0	.0	.1	.7	4.2	.9	.0	.0	.0	.0	5.9
	TOT %	.2	.1	.1	1.3	10.7	35.8	6.5	.8	.0	.4	.0	55.8
TOT OBS		.4	.3	.6	2.0	16.0	68.1	10.8	1.5	.0	.4	100.0	824

PERIOD: (PRIMAP) 1922-1970
(OVER-ALL) 1858-1970

JUNE

AREA 0014 PAGODA POINT
15.4N 93.2E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL ANY HGT	NH < 5/8 TOTAL OBS
00003	.0	2.4	.0	7.1	33.3	9.5	7.1	.0	.0	.0	59.5	40.5 42
06009	.0	.0	.0	15.2	21.7	8.7	2.2	2.2	.0	.0	50.0	50.0 46
12015	.0	.0	2.0	9.0	33.3	3.9	7.8	.0	.0	.0	56.9	43.1 51
18021	.0	.0	.0	10.5	15.8	5.3	2.6	.0	.0	2.6	36.8	63.2 38
TOT PCT	0 .0	1 .6	1 .6	19 10.7	47 26.6	12 6.8	9 5.1	1 .6	0 .0	1 .6	91 51.4	86 48.6 177 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<	1/2	2/5	5<10	10+	TOTAL OBS
00003	.0	4.9	2.4	2.4	22.0	68.3	41
06009	.0	.0	2.5	10.0	30.0	57.5	40
12015	.0	.0	4.2	.0	20.8	75.0	48
18021	.0	.0	3.3	3.3	20.0	73.3	30
TOT PCT	0 .0	2 1.3	5 3.1	5 2.5	37 23.3	109 68.6	159 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	2.4	4.9	14.6	46.3	39.0	41
06009	.0	.0	20.0	37.5	42.5	40
12015	.0	2.1	14.6	45.8	39.6	48
18021	.0	.0	16.7	30.0	53.3	30
TOT PCT	1 .6	3 1.9	26 16.4	65 40.9	68 42.8	159 100.0

JUNE

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

AREA 0014, PAGODA POINT
15.4N 93.2E

TABLE 13

TEMP =	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100			
85/89	.0	.0	.0	.0	.5	7.7	11.0	1.1			
80/84	.0	.0	.0	.0	.0	6.0	54.9	11.0			
75/79	.0	.0	.0	.0	.0	.0	2.7	4.9			
TOTAL	0	0	0	0	1	25	125	31			
PCT	.0	.0	.0	.0	.5	13.7	68.7	17.0			

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP												
	NE	E	SE	S	SW	W	NW	VAR	CALM			
	.0	.0	.0	2.5	16.2	1.6	.0	.0	.0			
	.0	.0	2.6	13.7	48.5	6.7	.4	.0	.0			
	.0	.0	.0	.3	5.8	1.6	.0	.0	.0			
	.0	.0	2.6	16.5	70.5	10.0	.4	.0	.0			

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN			
0000	88	87	85	83	79	76	75	82.4			167
0600	91	89	87	84	79	75	72	83.3			374
1200	88	87	86	82	78	75	72	82.4			206
1800	88	86	84	82	79	75	72	81.9			292
TOT	91	88	86	83	79	75	72	82.6			1039

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									TOTAL OBS
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN		
0000	.0	.0	2.3	9.1	79.5	9.1	84	44	
0600	.0	.0	.0	21.6	68.6	9.8	83	51	
1200	.0	.0	.0	14.6	66.7	18.8	85	48	
1800	.0	.0	.0	7.5	60.0	32.5	88	40	
TOT	0	0	1	25	126	31	85	183	

PERIOD: (PRIMARY) 1922-1970
(OVER-ALL) 1858-1970

JUNE

AREA 0014 PAGODA POINT
15.4N 93.2E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	89	TOT	M	WD
	72	76	80	84	88	92		FOG	FOG
9/10	.0	.0	.0	.2	.4	.0	3	.0	.6
7/6	.0	.0	.0	.4	.0	.0	2	.0	.4
5	.0	.0	.0	.0	.0	.2	1	.0	.2
4	.0	.0	.0	1.2	1.8	.6	18	.0	3.7
3	.0	.0	.0	.0	1.2	.0	6	.0	1.2
2	.0	.0	.2	6.1	4.5	.0	53	.0	10.8
1	.0	.0	.0	3.7	2.6	.0	31	.0	6.3
0	.0	.0	.8	23.6	5.9	.0	149	.0	30.3
-1	.0	.0	.6	8.8	.8	.0	50	.0	10.2
-2	.0	.0	1.8	17.1	.4	.0	95	.0	19.3
-3	.0	.0	1.0	2.2	.0	.0	16	.0	3.3
-4	.4	.2	2.4	3.9	.0	.0	34	.0	6.9
-5	.2	.4	2.4	.8	.0	.0	19	.0	3.9
-6	.0	.0	1.6	.0	.0	.0	8	.0	1.6
-7/-8	.0	.0	.0	.4	.0	.0	2	.0	.4
-9/-10	.0	.6	.2	.0	.0	.0	4	.0	.8
TOTAL	3	6	55	336	87	4	491	0	491
PCT	.6	1.2	11.2	68.4	17.7	.3	100.0		100.0

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	E										SE										PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	1.5
1-2	.0	1.1	.0	.0	.0	.0	1.1	.0	1.9	3.0	.0	.0	.0	1.5
3-4	.0	4.1	4.5	.0	.0	.0	8.6	.0	4.9	15.3	.0	.0	.0	4.9
5-6	.0	1.1	2.6	.0	.0	.0	3.7	.0	3.0	13.8	3.0	.0	.0	20.1
7	.0	.0	1.5	1.1	.0	.0	2.6	.0	.0	4.5	2.2	.0	.0	19.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	.0	.0	.0	6.7
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	.0	9.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0	1.5
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	6.3	8.6	1.1	.0	.0	16.0	.0	11.2	45.5	9.7	.0	.0	66.4

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.1	.0	.0	.0	.0	1.1	.0	.4	.0	.0	.0	.0	.4
3-4	.0	1.5	2.6	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0
5-6	.0	1.5	4.1	.0	.0	.0	5.6	.0	.0	3.0	.0	.0	.0	3.0
7	.0	.0	.0	1.1	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	4.1	6.7	1.1	.0	.0	11.9	.0	.4	3.0	.0	.0	.0	3.4

PERIOD: (OVER-ALL) 1963-1970

JUNE

AREA 0014, PAGODA POINT
15.4N 93.2E

TABLE 18 (CJNT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	1.5	.0	.0	.0	.0	1.5	67
1-2	.0	4.5	3.0	.0	.0	.0	7.5	
3-4	.0	10.4	22.4	.0	.0	.0	32.8	
5-6	.0	6.0	25.4	3.0	.0	.0	34.3	
7	.0	.0	6.0	4.5	.0	.0	10.4	
8-9	.0	.0	9.0	.0	.0	.0	9.0	
10-11	.0	.0	.0	1.5	.0	.0	1.5	
12	.0	.0	.0	3.0	.0	.0	3.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-50	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.0	22.4	65.7	11.9	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)																			TOTAL	MEAN HGT	
	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+			
<6	.0	1.4	11.5	8.1	4.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	4
6-7	.0	2.0	5.4	20.9	6.7	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63	5
8-9	.0	1.4	.0	5.4	.7	8.8	.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27	7
10-11	.0	.0	.0	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	9
12-13	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	9
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	6
INDET	1.4	.7	.0	3.4	2.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	5
TOTAL	2	8	25	59	20	28	4	2	0	0	0	0	0	0	0	0	0	0	0	0	148	5
PCT	1.4	5.4	16.9	39.9	13.5	18.9	2.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

JULY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHAR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN DBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL DBS
				FRZG PCPN	FRZG PCPN	SNOW	OTHER PCPN					PCPN	WD	HAZE	BLWG	DUST SIG	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.4	.2	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.8
S	1.5	.9	.3	.0	.0	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	12.0
SW	10.2	6.3	1.9	.0	.0	.0	.0	.0	18.4	.0	.4	.2	.4	.0	.0	.0	49.4
W	2.4	1.0	.1	.0	.0	.0	.0	.0	3.5	.0	.2	.2	.0	.0	.0	.0	10.3
NW	.2	.2	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT DBS	74	46	13	0	0	0	0	0	.0	133	3	2	2	.0	.0	.0	381
TOT PCT	14.2	8.8	2.5	.0	.0	.0	.0	.0	25.6	.0	.6	.4	.4	.0	.0	.0	73.3

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHAR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN DBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL DBS
				FRZG PCPN	FRZG PCPN	SNOW	OTHER PCPN					PCPN	WD	HAZE	BLWG	DUST SIG	
0000	3.8	13.9	3.8	.0	.0	.0	.0	.0	21.5	.0	.0	1.3	.0	.0	.0	.0	77.2
0609	16.8	7.9	1.0	.0	.0	.0	.0	.0	26.2	.0	.5	.5	.0	.0	.0	.0	72.8
12015	16.4	4.9	2.5	.0	.0	.0	.0	.0	23.8	.0	.0	.0	.0	.0	.0	.0	76.2
18021	14.5	11.5	3.1	.0	.0	.0	.0	.0	29.0	134	1.5	.0	.8	.0	.0	.0	68.7
TOT	74	47	13	0	0	0	0	0	25.6	.0	.6	.4	.4	.0	.0	.0	383
PCT	14.1	9.0	2.5	.0	.0	.0	.0	.0	25.6	.0	.6	.4	.4	.0	.0	.0	73.2

JULY

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21			
N	.2	.1	.1	.0	.0	.0	.0	.4	6.5		.0	.8	.0	.9	1.3	.0	.0	.6	.3	
NE	.2	.2	.0	.0	.0	.0	.0	.2	4.4		.0	.4	.2	.0	.0	.0	.0	.0	.3	
E	.2	.2	.0	.0	.0	.0	.0	.3	5.1		.0	.6	.6	.3	.0	.0	.0	.0	.3	
SE	.3	.9	.2	.4	.0	.0	.0	1.5	13.4		1.3	2.8	1.4	2.1	.7	1.4	1.3	1.0	1.1	
S	.4	7.7	6.1	1.6	.0	.0	.0	15.9	11.9		14.8	14.2	19.4	13.4	13.8	15.0	16.6	16.0	16.0	
SW	.7	14.8	36.0	13.5	1.0	*	*	66.0	16.1		69.5	62.0	64.7	62.5	68.1	69.6	65.0	67.8	67.8	
W	.3	3.1	7.8	3.0	.1	*	*	14.4	15.6		12.7	14.6	12.9	17.9	16.1	13.2	15.2	12.9	12.9	
NW	.1	.5	.4	.1	.0	.0	.0	1.1	10.7		1.7	2.0	.0	2.4	.0	.7	1.3	1.1	1.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALC	.3	314	576	213	12	1	1140	.3	15.1		.59	127	235	168	76	140	158	177	.0	
TOT OBS	24	27.5	50.5	18.7	1.1	.1	160.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
TOT PCT	2.1	27.5	50.5	18.7	1.1	.1	160.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40											00	03	06	09	12	15	18	21
N	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.5	.5	.5	.4	.5	.3	.3			
NE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.4	.3	.3	.1	.0	.4	.4			
E	.2	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.1	.3	.3	.5	.0	.1	.4			
SE	.5	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.5	13.4	2.3	2.3	1.7	1.2	1.2	1.2			
S	3.6	8.8	2.9	.6	.0	.0	.0	.0	.0	.0	.0	15.9	11.9	14.4	14.4	16.9	14.6	16.3	16.3			
SW	4.1	28.9	29.3	3.6	.1	.0	.0	.0	.0	.0	.0	66.0	16.1	66.4	66.4	63.8	69.1	66.5	66.5			
W	1.6	5.1	5.9	.7	.1	.0	.0	.0	.0	.0	.0	14.4	15.6	14.0	14.0	15.0	14.2	14.0	14.0			
NW	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	10.7	1.9	1.9	1.0	.5	1.2	1.2			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALC	.3	508	444	57	5.0	.2	1140	.3	15.1		.59	127	235	168	76	140	158	177				
TOT OBS	129	508	444	57	5.0	.2	1140				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
TOT PCT	11.3	44.6	38.9	5.0	.2	.2	1140				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

JULY

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

AREA 0014 PASODA POINT
15.4N 93.1E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+				
00003	.0	3.2	27.4	54.8	12.9	1.6	.0	14.4	100.0	186	
06009	.7	1.0	23.8	49.9	24.1	.5	.0	15.8	100.0	403	
12015	.0	1.9	23.9	51.9	19.4	.9	.0	15.5	100.0	216	
18021	.0	2.1	33.1	48.1	14.9	1.5	.3	14.5	100.0	335	
TOT	3	21	314	576	213	12	1	15.1	100.0	1140	
PCT	.3	1.8	27.5	50.5	18.7	1.1	.1				

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	PCT FREQ						TOTAL OBS	MEAN CLOUD COVER
	0-2	3-4	5-7	8-10	11-14	15-18		
N	.0	.0	.0	.7	.0	.0	8.0	
NE	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	
SE	.0	1.6	.7	1.0	.0	.0	5.7	
S	.7	2.6	4.1	12.7	.0	.0	6.8	
SW	.7	3.6	20.2	39.7	.0	.0	7.1	
W	.7	1.3	5.5	4.1	.0	.0	6.2	
NW	.0	.0	.7	.0	.0	.0	7.0	
VAR	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	3	13	47	88	151		6.9	
TOT PCT	2.0	8.6	31.1	58.3	100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 478)
AND OCCURRENCE OF NH < 578 BY WIND DIRECTION

WIND DIR	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 478)												TOTAL OBS
	000	149	150	299	300	599	600	999	1000	2000	3500	5000	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	1.5	.0	5.6	1.2	4.8	.0	.0	.0	7.1
SW	.0	.0	1.3	2.3	6.5	18.2	10.4	3.1	21.7	.0	.0	.0	21.7
W	.0	.0	.0	.0	.5	2.2	1.3	1.0	.0	.0	.0	.0	6.6
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	0	0	0	2	7	13	39	20	13	1	0	0	56
TOT PCT	.0	1.3	4.6	8.6	25.8	13.2	8.6	.7	.0	.0	.0	.0	151
													100.0

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1853-1970

JULY

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)					
	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4
OR >6500	.0	.0	.0	.0	.0	.0
OR >5000	.0	.7	.7	.7	.7	.7
OR >3500	4.0	7.3	8.7	9.3	9.3	9.3
OR >2000	12.0	20.0	22.0	22.7	22.7	22.7
OR >1000	26.7	42.7	46.7	48.7	48.7	48.7
OR >600	28.7	48.7	54.0	56.0	56.0	56.7
OR >300	28.7	52.7	58.7	60.7	60.7	61.3
OR >150	28.7	52.7	60.0	62.0	62.0	62.7
OR >0	28.7	52.7	60.0	62.0	62.7	62.7
TOTAL	43	79	90	93	94	94

TOTAL NUMBER OF OBS: 150 PCT FREQ NH <5/8: 37.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	GBSCD	TOTAL OBS
2.5	1.2	8.6	8.0	17.9	6.8	12.3	8.6	34.0	.0	162	

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

JULY

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.6	
<1/2 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.6	
PCP	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
1/2<1 ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.2	
PCP	.0	.0	.0	.0	.2	1.8	.3	.0	.0	.0	2.3	
1<2 ND PCP	.0	.0	.0	.0	.6	1.0	.3	.0	.0	.0	1.9	
TOT %	.0	.0	.0	.0	.8	2.8	.6	.0	.0	.0	4.2	
PCP	.0	.0	.0	.0	.5	3.9	1.4	.0	.0	.0	5.8	
2<5 ND PCP	.2	.0	.0	.0	.5	1.8	.2	.0	.0	.0	2.7	
TOT %	.2	.0	.0	.0	1.0	5.7	1.6	.0	.0	.0	8.5	
PCP	.0	.0	.0	.4	1.6	9.4	1.3	.4	.0	.0	13.1	
5<10 ND PCP	.0	.0	.0	.5	4.4	24.3	5.1	.4	.0	.0	34.8	
TOT %	.0	.0	.0	.9	6.0	33.8	6.4	.8	.0	.0	47.9	
PCP	.0	.0	.0	.2	.5	2.6	.4	.0	.0	.0	3.7	
10+ ND PCP	.0	.0	.0	.2	6.4	23.1	5.0	.2	.0	.0	35.0	
TOT %	.0	.0	.0	.4	6.9	25.7	5.4	.2	.0	.0	38.7	
TOT OBS	.2	.0	.0	1.3	14.8	68.6	14.1	1.0	.0	.0	100.0	520
TOT PCT												

JULY

AREA 0014 PAGODA POINT
15.4N 93.1EPERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

W-SY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2
	22+	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.3
	TOT %	.0	.0	.0	.0	.0	.4	.2	.0	.0	.0	.5
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.1	.2	.2	.0	.0	.0	.4
	22+	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1
	TOT %	.0	.0	.0	.0	.1	.3	.2	.0	.0	.0	.5
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
	11-21	.0	.0	.0	.0	.2	1.3	.3	.0	.0	.0	1.8
	22+	.0	.0	.0	.0	.3	.2	.7	.1	.0	.0	1.6
	TOT %	.0	.0	.0	.0	.5	2.2	.7	.1	.0	.0	3.5
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.1	.0	.1	.2	.4	.3	.0	.0	.0	1.0
	11-21	.1	.0	.0	.0	.5	3.3	.8	.0	.0	.0	4.7
	22+	.0	.0	.0	.0	.4	2.8	.9	.1	.0	.0	4.3
	TOT %	.1	.1	.0	.1	1.2	6.5	3.0	.1	.0	.0	10.0
5<10	0-3	.1	.0	.0	.0	.0	.2	.0	.0	.0	.0	.3
	4-10	.2	.0	.1	.3	1.9	4.7	1.0	.4	.0	.0	8.6
	11-21	.0	.0	.0	.2	1.7	15.5	3.6	.2	.0	.0	21.1
	22+	.0	.0	.0	.0	.5	7.2	1.1	.0	.0	.0	8.8
	TOT %	.3	.0	.1	.5	4.1	27.5	5.6	.0	.0	.0	38.8
10+	0-3	.0	.0	.0	.0	.4	.4	.1	.0	.0	.1	1.0
	4-10	.0	.1	.1	.4	4.9	8.7	1.9	.1	.0	.0	16.2
	11-21	.0	.0	.0	.4	3.6	17.6	3.3	.0	.0	.0	24.6
	22+	.0	.0	.0	.0	.3	3.5	1.0	.0	.0	.0	4.8
	TOT %	.0	.1	.1	.5	9.3	30.2	6.3	.1	.0	.1	46.6
TOT OBS		.4	.2	.2	1.1	15.2	67.1	15.0	.8	.0	.1	891
TOT PCT												

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

JULY

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	2.4	2.4	26.8	12.2	2.4	2.4	.0	.0	48.8	51.2	41
06009	.0	.0	9.7	3.2	16.1	9.7	16.1	.0	.0	.0	54.8	45.2	31
12015	.0	2.0	3.0	9.8	29.4	15.7	7.8	.0	.0	.0	68.6	31.4	51
18021	.0	2.9	2.9	17.6	23.5	11.6	8.8	.0	.0	.0	67.5	32.4	34
TOT PCT	0 .0	2 1.3	7 4.5	13 8.3	39 24.8	20 12.7	13 8.3	1 .6	0 .0	0 .0	95 60.5	62 39.5	157 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	10.0	30.0	60.0	40
06009	.0	.0	6.9	6.9	31.0	55.2	29
12015	.0	.0	2.0	10.0	36.0	52.0	50
18021	3.2	.0	3.2	6.5	35.5	51.6	31
TOT PCT	1 .7	0 .0	4 2.7	13 8.7	50 33.3	82 54.7	150 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 < 50YD	< 600 < 1	< 1000 < 5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	2.5	15.0	40.0	45.0	40
06009	.0	10.3	20.7	41.4	37.9	29
12015	.0	6.0	25.0	44.0	30.0	50
18021	.0	9.7	25.8	45.2	29.0	31
TOT PCT	0 .0	10 6.7	33 22.0	64 42.7	53 35.3	150 100.0

JULY

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1855-1970

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.0	.0	3.8	14.8	5	16	8.7	
80/84	.0	.0	.0	.0	.0	6.6	53.6	14.8	137	74.9		
75/79	.0	.0	.0	.0	.0	.0	5.5	10.9	30	16.4		
TOTAL	.0	.0	.0	.0	.0	20	115	48	183	100.0		
PCT	.0	.0	.0	.0	.0	10.9	62.8	26.2				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.0	.0	.0	1.9	5.5	1.4	.0	.0	.0	
.5	.0	.0	2.5	16.7	48.1	7.1	.0	.0	.0	
.0	.0	.0	.0	1.0	12.8	1.5	1.1	.0	.0	
.5	.0	.0	2.5	19.5	66.4	10.0	1.1	.0	.0	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
00003	87	85	84	82	79	78	76	82.0	185	
06009	90	88	86	83	78	75	73	82.5	404	
12015	87	86	85	82	79	77	77	81.8	215	
18021	85	84	84	82	77	74	73	81.2	334	
TOT	90	87	85	82	78	75	73	81.9	1138	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
00003	.0	.0	.0	2.2	77.8	20.0	86	45		
06009	.0	.0	.0	23.2	45.6	25.0	84	48		
12015	.0	.0	.0	11.1	55.6	33.3	87	47		
18021	.0	.0	.0	.0	74.5	25.5	87	47		
TOT	0	0	0	20	117	46	86	185		

PERIOD: (PRIMARY) 1921-1970
(OVER-ALL) 1853-1970

JULY

AREA 0014, PACODA POINT
15.4N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W	WD
	76	80	84	88	92	FOG	FOG	FOG
7/8	.0	.0	.2	.2	.0	2	.0	.4
5	.0	.0	.8	.6	.2	8	.0	1.7
4	.0	.0	2.5	.8	.0	16	.0	3.3
3	.0	.0	.0	.4	.0	2	.0	.4
2	.0	.0	7.0	1.9	.0	43	.0	8.9
1	.0	.2	5.8	.6	.0	32	.0	6.6
0	.0	1.2	29.6	1.4	.0	156	.4	31.9
-1	.0	1.0	9.7	.6	.0	55	.0	11.4
-2	.0	5.4	14.7	.0	.0	97	.0	20.1
-3	.0	1.0	1.4	.0	.0	12	.0	2.5
-4	.4	6.0	2.1	.0	.0	41	.0	8.5
-5	.0	1.9	.4	.0	.0	11	.0	2.3
-6	.0	.6	.0	.0	.0	3	.0	.6
-7/-8	1.0	.0	.0	.0	.0	5	.0	1.0
TOTAL	7	84	359	32	1	483	2	48.1
PCT	1.4	17.4	74.3	6.6	.2	100.0	.4	99.6

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0
1-2	.0	6.5	4.7	.0	.0	.0	11.2	.0	.0	2.2	.0	.0	.0	3.0
3-4	.0	4.3	1.3	1.3	.0	.0	6.9	.0	2.6	12.5	.4	.0	.0	15.5
5-6	.0	.0	3.4	.0	.0	.0	3.4	.0	5.2	9.5	6.9	.0	.0	21.6
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	3.4	.0	.0	13.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	1.7
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.4	.0	.0	6.9
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	1.7
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	10.8	10.8	1.3	.0	.0	22.8	.0	8.6	39.7	15.9	.0	.0	64.2

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	3.0	.0	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	5.2	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	4.3	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.0	9.5	.0	.0	.0	12.5	.0	.0	.0	.0	.0	.0	.0

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JUL

PERIOD: (OVER-ALL) 1963-1970

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	.0	.0	1.7	.0	.0	.0	1.7	58
1-2	.0	10.3	6.9	.0	.0	.0	17.2	
3-4	.0	6.9	19.0	1.7	.0	.0	27.6	
5-6	.0	5.2	17.2	6.9	.0	.0	29.3	
7	.0	.0	10.3	3.4	.0	.0	13.8	
8-9	.0	.0	1.7	.0	.0	.0	1.7	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	3.4	3.4	.0	.0	6.9	
13-16	.0	.0	.0	1.7	.0	.0	1.7	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.0	22.4	60.3	17.2	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-17	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	.8	6.2	5.4	3.8	1.5	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.25	4
6-9	.0	1.5	7.7	10.8	12.3	1.5	.0	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.46	6
10-11	.0	.0	1.5	3.8	7.7	9.2	3.1	6.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.43	8
12-13	.0	.0	.0	.0	2.3	3.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3
INDET	.0	.0	.0	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
TOTAL	1	19	22	26	33	19	6	10	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	130	6
PCT	.8	7.7	16.9	20.0	25.4	14.6	4.6	7.7	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966

AUGUST

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TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG PCPN	SMOKE	DUST	NO SIG		
N	.1	.2	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.4	
NE	.2	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.3	
E	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
SE	.1	.2	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.0	
S	.9	.9	.2	.0	.0	.0	.0	1.9	.0	.1	.0	.0	.0	.0	13.2	
SW	6.1	5.0	1.7	.0	.0	.0	.0	12.7	.0	1.5	.1	1.3	.2	.2	47.5	
W	1.5	1.4	.9	.0	.0	.0	.0	3.6	.0	.2	.1	.1	.0	.0	10.8	
NW	.2	.2	.1	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	1.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	48	40	15	0	0	0	0	.0	.0	12	1	7	.1	397	515	
TOT PCT	9.3	7.8	2.9	.0	.0	.0	.0	19.8	.0	2.3	.2	1.4	.2	77.1		

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				FRZG	SNOW	OTHER					PCPN	WDR	SMOKE	BLWG	BLWG	
00003	4.3	8.6	2.9	.0	.0	.0	.0	.0	14.3	1.4	.0	.0	1.4	1.4	82.9	
06009	10.8	8.7	3.6	.0	.0	.0	.0	.0	23.1	.0	.5	.5	1.5	.0	74.9	
12015	10.9	7.0	1.6	.0	.0	.0	.0	.0	19.5	3.9	.0	.0	.8	.0	77.3	
18021	9.2	6.9	3.1	.0	.0	.0	.0	.0	19.2	5.4	.0	.0	1.5	.0	75.4	
TOT	50	41	15	0	0	0	0	0	105	13	1	7	1	1	401	523
PCT	9.6	7.8	2.9	.0	.0	.0	.0	.0	20.1	2.5	.2	.2	1.3	.2	76.7	

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PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION B' SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					HOUR (GMT)											
	0-3	4-10	11-21	22-33	34-47	48+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N	.0	.3	.1	.1	.0	.0	.0	.4	10.8	.0	.0	.4	.5	2.2	.6	.0	.6
NE	.2	.1	.2	.0	.0	.0	.0	.5	7.5	.0	.0	.6	.5	.0	.6	.6	.6
E	.2	.2	.1	.0	.0	.0	.0	.5	6.6	.0	.0	.6	1.0	.0	.8	.6	.0
SE	.3	1.0	.4	*	.0	.0	.0	1.8	8.1	.0	1.2	2.5	2.0	.0	1.9	1.5	2.0
S	1.8	5.4	5.3	1.1	.1	.0	.0	13.7	11.3	17.4	12.1	14.8	12.5	11.4	14.8	13.2	13.3
SW	2.5	17.0	32.4	9.4	.7	.0	.0	62.0	14.4	54.0	64.8	61.3	63.6	67.4	62.3	57.5	63.8
W	.5	7.1	7.4	2.0	.1	.0	.0	17.0	12.9	26.6	16.2	15.7	16.4	12.5	15.5	22.2	15.0
NW	.3	1.5	.4	.3	.0	.0	.0	2.4	9.6	1.8	4.2	2.4	2.3	2.2	1.4	1.8	3.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.6	391	555	153	10	.0	1199	1.8	13.1	.0	1.5	1.6	1.0	4.3	2.2	2.5	1.7
TOT OBS	90	7.5	46.3	12.8	.8	.0	.0	100.0	13.1	56	130	248	198	46	181	163	177
TOT PCT	7.5	32.6								100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					
	0-5	7-16	17-27	28-40	41+					00	03	06	09	12	18
N	.2	.1	.1	.0	.0	.0	.0	.4	10.8	.0	.0	.4	.9	.3	.3
NE	.2	.3	.0	.0	.0	.0	.0	.5	7.5	.0	.0	.6	.4	.6	.6
E	.3	.2	.0	.0	.0	.0	.0	.5	6.6	.0	.0	.8	.7	.3	.3
SE	.6	1.2	*	.0	.0	.0	.0	1.8	8.1	.8	.8	2.3	1.5	1.8	1.8
S	3.3	7.6	2.6	.2	.0	.0	.0	13.7	11.3	13.7	12.1	13.8	14.1	13.2	13.2
SW	6.5	32.4	20.2	2.7	.1	.0	.0	62.0	14.4	61.6	62.4	62.4	63.3	60.8	60.8
W	2.6	9.9	3.8	.7	.0	.0	.0	17.0	12.9	19.4	16.0	16.0	14.9	18.5	18.5
NW	1.1	.8	.4	.1	.0	.0	.0	2.4	9.6	3.5	2.4	2.4	1.5	2.5	2.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	1.8	630	325	44	1	1199	1.8	13.1	.0	1.1	1.5	1.3	2.6	2.1	2.1
TOT OBS	199	630	325	44	1	1199	1.8	13.1	.0	186	446	446	227	340	340
TOT PCT	16.6	52.5	27.1	3.7	.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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AREA 0014 PAGODA POINT
15.4N 93.1EPERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1853-1966

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47					
0000	1.1	2.7	32.8	54.3	8.1	1.1		.0	13.3	100.0	186
0600	1.3	7.6	29.8	45.7	14.1	1.3		.0	13.3	100.0	446
1200	2.6	6.6	21.7	42.3	15.9	.9		.0	13.4	100.0	227
1800	2.1	4.4	36.8	45.3	11.5	.0		.0	12.6	100.0	340
TOT	21	69	391	555	153	10		0	13.1	100.0	1199
PCT	1.8	5.8	32.6	46.3	12.8	.8		.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	OBS	TOTAL OBS	MEAN CLOUD COVER
N	.0	.0	.0	.0	.0	0	8.0
NE	.0	.0	.0	.0	.0	0	.0
E	.0	.0	.0	.0	.0	0	.0
SE	.0	.0	.0	.0	.0	0	5.5
S	.0	.0	.0	.0	.0	0	6.2
SW	.0	.0	.0	.0	.0	0	6.7
W	.0	.0	.0	.0	.0	0	7.1
NW	.0	.0	.0	.0	.0	0	4.6
VAR	.0	.0	.0	.0	.0	0	.0
CALM	.0	.0	.0	.0	.0	0	6.0
TOT OBS	1	10	76	39	126	126	6.6
TOT PCT	.8	7.9	60.3	31.0	100.0	100.0	

TABLE 6
PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) BY WIND DIRECTION
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	OBS	TOTAL OBS	MEAN CLOUD COVER	PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) BY WIND DIRECTION										NH <5/8	ANY HGT	TOTAL OBS
								000	150	300	600	1000	2000	3500	5000	6500	8000+			
N	.0	.0	.0	.0	.0	0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	1	10	76	39	126	126	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.8	7.9	60.3	31.0	100.0	100.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
OR >5000	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
OR >3500	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
OR >2000	14.6	18.5	19.2	19.2	19.2	19.2	19.2	19.2
OR >1000	25.4	34.6	36.2	36.9	36.9	36.9	36.9	36.9
OR >600	30.8	45.4	46.9	47.7	47.7	47.7	47.7	47.7
OR >300	33.8	48.5	50.0	50.8	50.8	50.8	50.8	50.8
OR >150	33.8	48.5	50.0	50.8	50.8	50.8	50.8	50.8
OR >0	33.8	48.5	50.0	50.8	50.8	50.8	50.8	50.8
TOTAL	44	63	65	66	66	66	66	66

TOTAL NUMBER OF OBS: 130

PCT FREQ NH < 5/8: 49.2

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	DBSCD	TOTAL OBS
1.8	9.1	14.5	13.3	10.9	12.7	17.6	6.1	12.7	1.2	165	

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966

AUGUST

AREA 0014 PACODA POINT
15.4N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.6	.3	.1	.0	.0	.0	1.0
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.0	.6	.3	.1	.0	.0	.0	1.0
PCP	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.4
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT %	.0	.0	.0	.0	.2	.2	.0	.0	.0	.0	.0	.4
PCP	.0	.0	.0	.0	.3	.9	.2	.0	.0	.0	.0	1.4
NO PCP	.0	.0	.0	.0	.2	1.3	.4	.1	.0	.0	.0	1.9
TOT %	.0	.0	.0	.0	.5	2.1	.6	.1	.0	.0	.0	3.3
PCP	.1	.0	.0	.0	.0	1.0	.0	.3	.0	.0	.0	1.4
NO PCP	.0	.0	.0	.0	.0	1.4	.2	.0	.0	.0	.0	1.6
TOT %	.1	.0	.0	.0	.0	2.3	.2	.3	.0	.0	.0	2.9
PCP	.0	.2	.1	.1	1.2	7.9	3.1	.3	.0	.0	.0	12.8
NO PCP	.2	.0	.1	1.1	5.2	19.4	4.1	.0	.0	.0	.2	30.3
TOT %	.2	.2	.2	1.2	6.4	27.3	7.2	.3	.0	.0	.2	43.1
PCP	.2	.0	.0	.2	.3	2.1	.1	.0	.0	.0	.0	2.9
NO PCP	.2	.3	.0	1.0	8.1	27.8	6.5	1.6	.0	1.0	.0	46.4
TOT %	.4	.3	.0	1.2	8.4	30.0	6.6	1.6	.0	1.0	.0	49.3
TOT OBS												515
TOT PCT	.7	.5	.2	2.4	15.4	62.5	14.9	2.3	.0	1.2	100.0	

AUGUST

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (N)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.1	.3	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.2
	22+	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.2	.2
	TOT %	.0	.0	.0	.0	.0	.4	.3	.1	.0	.0	.8	.8
1/2<1	0-3	.0	.0	.0	.0	.2	.3	.0	.0	.0	.0	.6	.6
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
	22+	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
	TOT %	.0	.0	.0	.0	.2	.6	.0	.0	.0	.0	.8	.8
1<2	0-3	.0	.0	.0	.0	.3	.5	.0	.0	.0	.0	.8	.8
	4-10	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.5	.5
	11-21	.0	.0	.0	.0	.1	.7	.2	.1	.0	.0	1.2	1.2
	22+	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.2
	TOT %	.0	.0	.0	.0	.6	1.7	.3	.1	.0	.0	2.6	2.6
2<5	0-3	.0	.0	.0	.0	.3	.5	.0	.1	.0	.1	1.0	1.0
	4-10	.1	.0	.0	.1	.1	.6	.1	.2	.0	.0	1.0	1.0
	11-21	.0	.0	.0	.3	2.1	2.1	.5	.1	.0	.0	2.6	2.6
	22+	.0	.0	.0	.0	.0	1.0	.5	.0	.0	.0	1.5	1.5
	TOT %	.1	.0	.0	.1	.5	4.1	1.0	.3	.0	.1	6.2	6.2
5<10	0-3	.0	.0	.0	.0	.3	.2	.0	.0	.0	.1	.6	.6
	4-10	.0	.1	.1	.4	.9	3.5	1.3	.1	.0	.0	6.3	6.3
	11-21	.1	.2	.2	.3	2.1	11.7	3.6	.2	.0	.0	18.3	18.3
	22+	.0	.0	.0	*	.7	4.5	.8	.0	.0	.0	6.0	6.0
	TOT %	.1	.3	.2	.7	3.9	19.9	5.6	.3	.0	.1	31.2	31.2
10+	0-3	.0	.2	.1	.3	1.1	1.6	.6	.3	.0	1.4	5.6	5.6
	4-10	.3	.1	.0	.5	2.7	10.8	6.0	1.4	.0	.0	23.0	23.0
	11-21	.0	.0	.0	.2	3.1	16.9	3.4	.3	.0	.0	23.9	23.9
	22+	.0	.0	.0	.0	.4	5.0	.3	.0	.0	.0	5.8	5.8
	TOT %	.3	.3	.1	1.4	8.3	34.2	10.3	2.0	.0	1.4	58.3	58.3
TOT OBS		.5	.6	.3	2.2	13.6	60.9	17.6	2.8	.0	1.6	100.0	869
TOT PCT		.5	.6	.3	2.2	13.6	60.9	17.6	2.8	.0	1.6	100.0	

AUGUST

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1859-1966AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	000 149	150 299	300 599	300 599	600 999	600 999	1000 1999	1000 1999	2000 3499	2000 3499	3500 4999	3500 4999	5000 6499	5000 6499	6500 7999	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	5.0	10.0	17.5	10.0	2.5	.0	.0	.0	2.5	47.5	52.5	40						
06009	.0	.0	.0	2.4	9.8	9.8	17.1	4.9	.0	.0	.0	.0	43.9	56.1	41						
12015	.0	.0	.0	2.9	6.8	20.6	5.9	2.9	.0	.0	.0	.0	41.2	58.8	34						
18021	.0	.0	.0	.0	9.1	15.2	9.1	6.1	3.0	.0	.0	3.0	45.5	54.5	33						
TOT	0	0	0	4	14	23	16	6	1	0	2	66	82	148							
PCT	.0	.0	.0	2.7	9.5	15.5	10.8	4.1	.7	.0	1.4	44.6	55.4	100.0							

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	35.1	64.9	37
06009	.0	.0	.0	.0	17.6	82.4	34
12015	.0	.0	.0	6.3	15.6	78.1	32
18021	.0	.0	3.4	3.4	13.8	79.3	29
TOT	0	0	1	3	28	100	132
PCT	.0	.0	.8	2.3	21.2	75.8	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	5.4	16.2	35.1	48.6	37
06009	.0	2.9	14.7	38.2	47.1	34
12015	3.1	6.3	21.9	25.0	53.1	32
18021	3.4	3.4	20.7	37.9	41.4	29
TOT	2	6	24	45	63	132
PCT	1.5	4.5	18.2	34.1	47.7	100.0

AUGUST

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 13

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL DBS	PCT FREQ
85/89	.0	.0	.0	.0	.0	5.7	3.1	.0	14	8.8
80/84	.0	.0	.0	.0	.0	8.2	54.7	18.2	129	81.1
75/79	.0	.0	.0	.0	.0	.0	2.5	7.5	16	10.1
TOTAL	0	0	0	0	0	22	96	41	159	100.0
PCT	.0	.0	.0	.0	.0	13.8	60.4	25.8		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
	N	NE	E	SE	S	SW	W	NW	VAR	CALM
85/89	.0	.0	.0	.6	1.1	5.8	.6	.0	.0	.6
80/84	.6	.0	.3	2.2	9.9	54.2	11.9	1.3	.0	.6
75/79	.0	.0	.0	.0	.0	6.3	2.8	.9	.0	.0
TOTAL	.6	.0	.3	2.8	11.0	66.4	15.4	2.2	.0	1.3

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR

HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL DBS
00003	88	85	84	82	79	76	73	81.6	184
06009	90	88	86	83	79	75	74	82.5	439
12015	90	86	84	82	78	77	76	81.5	229
18021	85	84	83	81	77	76	73	81.0	339
TOT	90	87	85	82	78	76	73	81.7	1191

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR

HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL DBS
00003	.0	.0	.0	11.1	72.2	16.7	86	36
06009	.0	.0	.0	25.5	45.1	29.4	84	51
12015	.0	.0	.0	7.9	65.8	26.3	87	38
18021	.0	.0	.0	10.3	61.5	28.2	87	39
TOT	0	0	0	24	98	42	86	164

PERIOD: (PRIMARY) 1917-1966
(OVER-ALL) 1858-1966

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AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W FOG	MO FOG
7/8	.0	.0	.0	.2	.0	1	.0	.2
5	.0	.0	.0	.0	.2	1	.0	.2
4	.0	.0	.6	.8	.2	8	.0	1.7
3	.0	.0	.0	.2	.0	1	.0	.2
2	.0	.0	12.1	1.7	.0	65	.0	13.8
1	.0	.0	7.0	.6	.0	36	.0	7.6
0	.0	.8	34.8	.8	.0	172	.2	36.3
-1	.0	.2	6.8	.6	.0	36	.0	7.6
-2	.0	6.2	16.6	.0	.0	107	.0	22.7
-3	.0	1.9	.8	.0	.0	13	.0	2.8
-4	.0	3.8	1.1	.0	.0	23	.0	4.9
-5	.6	.4	.0	.0	.0	5	.0	1.1
-6	.2	.2	.0	.0	.0	2	.0	.4
-7/-8	.2	.0	.0	.0	.0	1	.0	.2
TOTAL	5	64	376	24	2	471	1	470
PCT	1.1	13.6	79.8	5.1	.4	100.0	.2	99.8

PERIOD: (OVER-ALL) 1963-1966

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TABLE 18

AREA 0014 PACODA POINT
15.4N 93.1E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.2	.0	.0	.0	.0	.0	1.2	.4	4.6	.0	.0	.0	.0	5.2
1-2	1.2	4.4	.0	.0	.0	.0	4.4	3.2	11.6	8.0	.0	.0	.0	22.8
3-4	1.6	.0	1.6	1.2	.0	.0	4.4	.0	1.6	16.8	.4	.0	.0	18.8
5-6	.0	.0	2.8	1.2	.0	.0	4.0	.0	.0	13.2	1.6	.0	.0	14.8
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	1.6
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	1.6
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	2.8	4.4	4.4	2.4	.0	.0	14.0	3.6	18.0	39.6	3.6	.0	.0	64.8

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	6.4	.0	.0	.0	.0	6.4	.0	.0	.0	.0	.0	.0	.0
1-2	.0	4.8	.0	.0	.0	.0	4.8	.0	1.6	.0	.0	.0	.0	1.6
3-4	1.6	.0	2.4	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.6	11.2	2.4	.0	.0	.0	15.2	.0	1.6	.0	.0	.0	.0	1.6

PERIOD: (OVER-ALL) 1963-1966

AUGUST

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	4.7		.0	.0	.0	.0	15.6	64
1-2	4.7		9.4	.0	.0	.0	35.9	
3-4	3.1	1.6	20.3	1.6	.0	.0	26.6	
5-6	.0	.0	15.6	3.1	.0	.0	18.8	
7	.0	.0	1.6	.0	.0	.0	1.6	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	1.6	.0	.0	1.6	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	12.5	34.4	46.9	6.3	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT	
<6	.8	11.7	13.3	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39	3
6-7	.0	.8	9.2	11.7	10.8	4.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	5
8-9	.0	.0	1.7	.8	4.2	5.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	7
10-11	.0	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	5
12-13	.0	.0	.0	.0	.8	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	8
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDET	2.5	5.0	3.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	2
TOTAL	3.3	18.3	28.3	20.0	17.5	10.8	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	120	4
PCT																					100.0	

SEPTEMBER

AREA 0014 PASODA POINT
15.4N 93.1E

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1964

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	CRZL PCPN	PRECIPITATION TYPE			HAIL	TOTAL		OTHER WEATHER PHENOMENA						TOTAL OBS
			FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN		PCPN AT OBS	PCPN AT OBS	THDR LTNG	PCPN	FOG WD	SMOKE HAZE	DUST BLWG	NO DUST SNOW	
N	.2	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
SE	.1	.2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.8
S	.8	.5	.3	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	13.7
SW	3.7	2.3	.7	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	43.0
W	3.3	.9	.5	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	16.1
NW	.6	.2	.2	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	3.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
TOT OBS	37	18	7	0	0	0	14.7	62	.0	.0	.0	.0	.0	.0	260
TOT PCT	8.8	4.3	1.7	.0	.0	.0	14.7	.0	.0	.0	.0	.0	.0	.0	422

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE			HAIL	PCT PCPN AT OBS TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					FOG WD	SMOKE HAZE	DUST BLWG	NO DUST SNOW	SEA		
0000	7.1	7.1	2.9	.0	.0	.0	.0	17.1	.0	.0	.0	.0	.0	.0	.0	82.9	
0600	10.0	6.3	.6	.0	.0	.0	.0	16.9	.0	.0	.0	.0	.0	.0	.0	93.1	
1200	10.6	1.9	.0	.0	.0	.0	.0	12.5	.0	.0	.0	.0	.0	.0	.0	87.5	
1800	7.1	2.0	4.0	.0	.0	.0	.0	13.1	.0	.0	.0	.0	.0	.0	.0	86.9	
TOT	39	19	7	0	0	0	0	65	0	0	0	0	0	0	0	368	
PCT	9.0	4.4	1.6	.0	.0	.0	.0	15.0	.0	.0	.0	.0	.0	.0	.0	85.0	

SEPTEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

PERIOD: (PRIMARY) 1921-1928
(OVER-ALL) 1906-1968

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)							TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-3	4-10	11-21	22-33	34-47	48+	00				03	06	09	12	15	18	21
N	1.2	.8	.2	.0	.0	.0	.0	2.0	2.2	4.5	3.8	3.7	2.8	.0	1.2	.0	1.9
NE	1.2	.6	.2	.0	.0	.0	.0	2.0	2.0	4.8	4.8	2.2	1.1	1.7	2.4	.9	1.2
E	1.3	1.3	.1	.1	.0	.0	.0	.0	1.8	5.4	2.4	2.8	2.5	.8	1.2	.9	1.5
SE	.9	3.5	.7	.1	.0	.0	.0	1.0	5.2	7.3	4.3	5.1	6.7	1.3	7.6	4.4	6.5
S	1.0	7.5	4.7	.0	.0	.0	.0	18.4	13.1	9.6	10.1	11.0	15.1	20.4	15.2	11.0	11.2
SW	1.9	19.5	18.1	2.8	.0	.0	.0	38.3	42.3	11.6	43.3	44.9	38.0	46.3	36.0	45.2	45.8
W	1.9	12.6	7.5	1.0	.0	.0	.0	29.6	22.9	10.0	21.6	19.3	23.1	21.7	26.6	27.4	20.0
NW	1.7	5.1	.5	.0	.0	.0	.0	8.7	7.3	6.6	5.8	6.5	8.6	4.6	9.0	5.9	8.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	3.0	469	295	36	.0	.0	.0	.0	3.0	9.6	3.8	4.6	2.1	3.3	.8	4.4	3.1
TOT OBS	121	509	320	39	.0	.0	921	49	104	197	104	100.0	100.0	100.0	125	114	130
TOT PCT	13.1	50.9	32.0	3.9	.0	.0	921	100.0	100.0	9.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40	41+				00	03	06	09	12	15	18	21
N	1.0	.5	.0	.0	.0	.0	2.2	4.5	3.3	3.3	3.3	3.3	.8	1.0	1.0	1.0
NE	1.2	.6	.0	.0	.0	.0	2.0	4.8	3.9	3.9	1.7	2.2	2.2	1.0	1.0	1.0
E	1.2	.5	.1	.0	.0	.0	1.8	6.4	1.6	1.6	2.7	1.1	1.1	1.2	1.2	1.2
SE	2.8	2.1	.4	.0	.0	.0	5.2	7.3	3.3	3.3	5.8	5.5	5.5	5.5	5.5	5.5
S	4.3	7.2	1.6	.0	.0	.0	13.1	9.6	12.7	12.7	12.8	16.9	16.9	11.1	11.1	11.1
SW	8.9	24.5	8.2	.8	.0	.0	42.3	11.6	41.7	41.7	42.0	39.3	39.3	45.5	45.5	45.5
W	6.8	13.0	2.7	.3	.0	.0	22.9	10.0	24.2	24.2	20.9	25.0	25.0	23.5	23.5	23.5
NW	4.0	3.0	.3	.0	.0	.0	7.3	6.6	6.7	6.7	7.4	7.6	7.6	7.5	7.5	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	3.0	474	122	10	.0	921	3.0	9.6	2.6	3.5	3.5	1.6	1.6	3.7	3.7	3.7
TOT OBS	315	51.5	13.2	1.1	.0	921	100.0	9.6	153	153	339	185	185	244	244	244
TOT PCT	34.2	51.5	13.2	1.1	.0	921	100.0	9.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

SEPTEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN FREQ	PCT	TOTAL OBS
0000	2.6	10.5	47.7	38.6	.7	.0	.0	9.7	100.0	153
0600	3.5	11.2	48.4	30.7	6.2	.0	.0	9.8	100.0	339
1215	1.6	7.6	52.4	34.1	4.3	.0	.0	10.0	100.0	185
1821	3.7	10.2	55.3	28.3	2.5	.0	.0	9.0	100.0	244
TOT	28	91	469	295	36	0	0	9.6	100.0	921
PCT	3.0	10.1	50.9	32.0	3.9	.0	.0			

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	TOTAL CLOUD OBS	MEAN CLOUD COVER
N	.0	.0	.6	.0		7.0
NE	.0	.0	1.8	.0		6.1
E	.0	.0	.0	.0		.0
SE	.0	.0	1.0	.0		6.1
S	2.0	4.1	10.8	10.8		6.2
SW	2.6	10.2	17.7	13.2		5.9
W	.0	4.9	6.1	9.3		6.3
NW	.0	.4	2.6	.6		6.2
VAR	.0	.0	.0	.0		.0
CALM	.0	.0	.0	.0		7.0
TOT OBS	4.9	19.5	41.5	34.1	123	6.1
TOT PCT					100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH > 4/8
AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION

	000	149	150	299	300	599	600	999	1000	2000	3499	4999	5000	6499	7999	8000+	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.6	4.1	5.7	4.3	1.4	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.8	4.9	4.9	7.9	3.0	2.2	.8	.0	.0	.0	.0	.0	.0	
W	.8	.0	.0	.0	.8	.0	.8	5.9	3.0	.4	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	1	.0	.0	.0	.0	.3	12	28	15	5	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	.8	.0	.0	.0	.0	2.4	9.8	22.8	12.2	4.1	1.6	.0	.0	.0	.0	.0	.0	123
																		100.0

PERIOD: (PRIMARY) 1921-1968
 (OVER-ALL) 1906-1968

SEPTEMBER

AREA 0014 PACODA POINT
 15.4N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
 OF CEILING HEIGHT (NH > 4/8) AND VSBY (NH)

CEILING (FEET)	OR		OR		OR		OR		OR		OR	
	>10	>5	>2	>1	>1/2	>1/4	>30YD	>0	>0	>0	>0	>0
OR >6500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
OR >5000	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
OR >3500	3.2	5.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
OR >2000	13.7	18.5	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
OR >1000	30.6	37.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
OR >500	35.3	46.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
OR >300	36.3	49.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
OR >150	36.3	49.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
OR >0	36.3	49.2	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
TOTAL	45	61	67	67	67	67	67	67	67	67	67	67

TOTAL NUMBER OF OBS: 124 PCT FREQ NH <5/8: 46.0

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
2.0	7.5	13.6	16.3	8.8	13.6	14.3	9.5	13.6	.7		147

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

SEPTEMBER

AREA 0014 PAGODA POINT
13.4N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL Obs
PCP	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1 NO PCP	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.7	
TOT %	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.7	
PCP	.0	.0	.0	.0	.2	.7	.2	.0	.0	.0	1.2	
1<2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.2	.7	.2	.0	.0	.0	1.2	
PCP	.0	.0	.0	.0	.0	1.1	1.5	.0	.0	.0	2.6	
2<5 NO PCP	.0	.0	.0	.0	.5	.7	.9	.3	.0	.0	2.4	
TOT %	.0	.0	.0	.0	.5	1.8	2.4	.3	.0	.0	5.0	
PCP	.1	.0	.0	.2	.7	3.4	1.5	.6	.0	.0	6.7	
5<10 NO PCP	.0	.2	.4	.8	2.7	17.3	4.4	.8	.0	.2	26.8	
TOT %	.1	.2	.4	1.0	3.4	20.8	5.9	1.4	.0	.2	33.5	
PCP	.0	.0	.0	.1	.7	1.4	1.1	.5	.0	.0	3.8	
10+ NO PCP	1.0	1.2	1.2	2.9	10.3	24.9	10.6	2.4	.0	1.0	55.6	
TOT %	1.0	1.2	1.2	3.0	11.0	26.4	11.8	2.9	.0	1.0	59.4	
TOT OBS	1.4	1.5	1.5	4.1	15.4	49.8	20.5	4.6	.0	1.2	100.0	421
TOT PCT												

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

SEPTEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 3

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1
	TOT %	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.4	.4
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.3	.3
	11-21	.0	.0	.0	.0	.0	.4	.1	.0	.0	.0	.4	.4
	22+	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1
	TOT %	.0	.0	.0	.0	.1	.6	.1	.0	.0	.0	.8	.8
2<5	0-3	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.4	.4
	4-10	.0	.0	.0	.1	.4	.9	.7	.0	.0	.0	2.1	2.1
	11-21	.1	.2	.0	.0	.3	1.3	1.1	.0	.0	.0	3.0	3.0
	22+	.0	.0	.0	.0	.0	.6	.4	.0	.0	.0	1.0	1.0
	TOT %	.1	.4	.0	.1	.7	2.8	2.1	.2	.0	.1	6.5	6.5
5<10	0-3	.0	.1	.0	.1	.2	.6	.2	.2	.0	.1	1.5	1.5
	4-10	.1	.0	.2	.5	1.2	5.8	2.2	.5	.0	.0	10.4	10.4
	11-21	.0	.0	.0	.0	.8	6.4	2.5	.2	.0	.0	10.0	10.0
	22+	.0	.0	.0	.0	.0	1.3	.2	.0	.0	.0	1.5	1.5
	TOT %	.1	.1	.2	.6	2.3	14.1	5.1	1.0	.0	.1	23.5	23.5
10+	0-3	1.1	.7	.4	1.1	.5	1.3	1.7	1.2	.0	2.8	10.8	10.8
	4-10	.7	.7	1.2	2.6	5.6	12.0	9.4	3.9	.0	.0	36.1	36.1
	11-21	.1	.1	.1	.4	3.5	10.5	4.9	.2	.0	.0	19.9	19.9
	22+	.0	.0	.1	.1	.0	1.3	.4	.0	.0	.0	1.8	1.8
	TOT %	1.9	1.5	1.8	4.2	9.6	25.1	16.3	5.3	.0	2.8	68.6	68.6
TOT OBS		2.1	2.0	2.0	4.9	12.9	42.6	23.8	6.4	.0	3.1	100.0	710
TOT PCT													

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

SEPTEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 10
PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

WJUR (GMT)	000 145	150 299	300 599	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	5.9	8.8	20.6	23.5	2.9	2.9	.0	.0	64.7	35.3	34
06009	3.4	.0	.0	3.4	3.4	34.5	17.2	3.4	3.4	.0	.0	69.0	31.0	29
12015	.0	.0	.0	.0	9.5	14.3	7.1	7.1	2.4	.0	.0	40.5	59.5	42
18021	.0	.0	.0	.0	11.8	14.7	.0	.0	.0	.0	.0	26.5	73.5	34
TOT PCT	1 .7	0 .0	3 .0	2.2	8.6	20.1	11.5	3.6	2.2	0 .0	0 .0	68 48.9	71 51.1	139 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NH) BY HOUR	1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	9.7	29.0	51.3	31
06009	.0	.0	.0	.0	22.2	77.8	27
12015	.0	.0	.0	2.5	7.9	89.5	38
18021	.0	.0	.0	7.1	14.3	78.6	28
TOT PCT	0 .0	0 .0	0 .0	6 4.8	22 17.7	96 77.4	124 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NH) AND/OR CEILING HGT (FEET, NH > 4/8) BY HOUR	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	.0	.0	6.5	25.8	45.2	29.0	31
06009	.0	.0	3.7	7.4	63.0	29.6	27
12015	.0	.0	.0	13.2	31.6	55.3	30
18021	.0	.0	.0	17.9	14.3	67.9	28
TOT PCT	0 .0	0 .0	3 2.4	20 16.1	47 37.9	57 46.0	124 100.0

SEPTEMBER

PERIOD: (PRIMARY) -921-1968
(OVER-ALL) 1906-1968

AREA 0014, PACODA POINT
15.4N 93.1E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	.0	5.1	2.9	.0			11	8.0
80/84	.0	.0	.0	.0	.7	6.5	60.9	14.5			114	82.6
75/79	.0	.0	.0	.0	.0	.0	2.9	6.5			13	9.4
TOTAL	0	0	0	0	1	16	92	29			138	100.0
PCT	.0	.0	.0	.0	.7	11.6	66.7	21.0				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
N	NE	E	SE	S	SW	W	NW	VAR	CALM
.0	.7	.0	.7	2.2	3.6	.0	.7	.0	.0
.9	.9	.7	1.6	18.1	40.8	16.7	2.2	.3	.7
.0	.7	.0	.0	2.4	4.3	1.6	.4	.0	.0
.9	2.4	.7	2.4	22.6	48.7	18.3	3.3	.0	.7

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR									
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS
00003	86	85	84	82	77	76	73	81.2	155
06009	90	88	86	82	78	76	75	82.5	334
12015	86	85	84	81	78	75	75	81.2	185
18021	85	84	83	81	78	77	76	81.1	246
TOT	90	87	85	82	78	76	73	81.6	920

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR								
HOUR (GMT)	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS
00503	.0	.0	.0	9.8	61.0	29.3	87	41
06009	.0	.0	2.7	27.0	59.5	10.8	82	37
12015	.0	.0	.0	3.1	78.1	18.8	85	32
18021	.0	.0	.0	6.1	63.6	30.3	87	33
TOT	0	0	1	17	93	32	85	143

PERIOD: (PRIMARY) 1921-1968
(OVER-ALL) 1906-1968

SEPTEMBER

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W FOG	WD FOG
9/10	.0	.0	.3	.3	.0	2	.0	.5
7/8	.0	.0	.3	.0	.0	1	.0	.3
5	.0	.0	.8	.5	.0	5	.0	1.3
4	.0	1.0	1.5	1.8	.3	.3	.0	4.6
3	.0	.0	.3	.5	.0	3	.0	.8
2	.0	.0	8.4	.5	.3	36	.0	9.2
1	.0	.0	3.1	.8	.0	15	.0	3.8
0	.0	.3	28.6	1.5	.0	119	.0	30.4
-1	.0	1.3	7.7	.3	.0	36	.0	9.2
-2	.0	5.4	16.8	.3	.0	88	.0	22.4
-3	.0	2.8	2.0	.0	.0	19	.0	4.8
-4	.0	5.1	3.8	.0	.0	35	.0	8.9
-5	.0	1.8	1.0	.0	.0	11	.0	2.8
-6	.0	.3	.0	.0	.0	1	.0	.3
-7/-8	.3	.3	.0	.0	.0	2	.0	.5
-9/-10	.3	.0	.0	.0	.0	1	.0	.3
TOTAL	2	71	292	25	2	392	0	392
PCT	.5	18.1	74.5	6.4	.5	100.0		100.0

SEPTEMBER

TABLE 18

AREA 0014 PAGODA POINT
15.4N 93.1E

PERIOD: (OVER-ALL) 1963-1968

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N				NE				PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.3	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	2.2
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.3	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	2.2

HGT	E				SE				PCT				
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SEPTEMBER
TABLE 18

PERIOD: (OVER-ALL) 1963-1968

AREA 0014, PAGODA POINT
15.4N 93.1E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.3	.0	.0	.0	.0	1.3	1.8	3.9	.0	.0	.0	.0	5.7
1-2	.0	6.6	3.1	.0	.0	.0	9.6	.0	9.2	.4	.0	.0	.0	9.6
3-4	.0	1.3	6.6	.0	.0	.0	7.9	.0	14.5	9.6	.0	.0	.0	24.1
5-6	.0	.0	4.4	.0	.0	.0	4.4	.0	3.5	7.0	.0	.0	.0	10.5
7	.0	.0	3.5	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	9.2	17.5	.0	.0	.0	26.8	1.8	31.1	17.1	.0	.0	.0	50.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	6.6	.0	.0	.0	6.6	.0	.0	.4	.0	.0	.0	.4
3-4	.0	1.8	3.1	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	7.9	.0	.0	.0	7.9	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.8	17.5	.0	.0	.0	19.3	.0	.0	.4	.0	.0	.0	.4

PERIOD: (OVER-ALL) 1963-1968

SEPTEMBER

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT			
<1	3.4	5.2	.0	.0	.0	.0	8.6			
1-2	.0	19.0	10.3	.0	.0	.0	29.3			
3-4	.0	17.2	19.0	.0	.0	.0	36.2			
5-6	.0	3.4	19.0	.0	.0	.0	22.4			
7	.0	.0	3.4	.0	.0	.0	3.4			
8-9	.0	.0	.0	.0	.0	.0	.0			
10-11	.0	.0	.0	.0	.0	.0	.0			
12	.0	.0	.0	.0	.0	.0	.0			
13-16	.0	.0	.0	.0	.0	.0	.0			
17-19	.0	.0	.0	.0	.0	.0	.0			
20-22	.0	.0	.0	.0	.0	.0	.0			
23-25	.0	.0	.0	.0	.0	.0	.0			
26-32	.0	.0	.0	.0	.0	.0	.0			
33-40	.0	.0	.0	.0	.0	.0	.0			
41-48	.0	.0	.0	.0	.0	.0	.0			
49-60	.0	.0	.0	.0	.0	.0	.0			
61-70	.0	.0	.0	.0	.0	.0	.0			
71-86	.0	.0	.0	.0	.0	.0	.0			
87+	.0	.0	.0	.0	.0	.0	.0			
TOT PCT	3.4	44.8	51.7	.0	.0	.0	100.0			58

PERIOD: (OVER-ALL) 1949-1968

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-80	87+	TOTAL	MEAN HGT	
<6	1.9	16.8	10.3	9.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	41	3
6-7	.0	.9	3.7	21.5	11.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40	5
8-9	.0	.0	.9	3.7	1.9	.9	.9	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	7
10-11	.0	.0	.0	.9	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	6
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	8
>13	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	3
INDEX	2.8	3.7	.9	2.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	4
TOTAL	5	23	17	38.3	17	2	1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	107	
PCT	4.7	21.5	15.9	38.3	15.9	1.9	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

OCTOBER

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL PCPN	PCT FREQ PCPN AT OBS	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN					WD PCPN	FG	SMOKE	DUST	NO SIG	
N	.1	.2	.0	.0	.0	.0	.0	.0	.3		.6	.0	.0	.0	.0	.0	
NE	.7	.3	.1	.0	.0	.0	.0	.0	1.3		.8	.0	.0	.0	.0	16.2	
E	.4	.3	.1	.0	.0	.0	.0	.0	.8		.6	.2	.0	.0	.0	11.1	
SE	.2	.4	.1	.0	.0	.0	.0	.0	.7		.2	.0	.0	.0	.0	11.9	
S	1.0	.8	.3	.0	.0	.0	.0	.0	2.1		.2	.1	.0	.0	.2	11.7	
SW	.2	1.1	.0	.0	.0	.0	.0	.0	1.3		.0	.1	.0	.0	.0	11.3	
W	.5	.4	.0	.0	.0	.0	.0	.0	.9		.0	.0	.0	.0	.2	8.7	
NW	*	.4	.0	.0	.0	.0	.0	.0	.4		.4	.0	.0	.0	.0	6.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
CALM	.2	.0	.0	.0	.0	.0	.0	.0	.2		.0	.0	.0	.0	.0	3.2	
TOT OBS	17	21	3	0	0	0	0	0		41	15	2	0	0	2	446	506
TOT PCT	3.4	4.2	.6	.0	.0	.0	.0	.0	8.1		3.0	.4	.0	.0	.4	88.1	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL PCPN	PCT FREQ PCPN AT OBS	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN					WD PCPN	FG	SMOKE	DUST	NO SIG	
00003	3.3	4.4	.0	.0	.0	.0	.0	.0	7.8		.0	.0	.0	.0	.0	92.2	
06009	4.1	5.6	1.0	.0	.0	.0	.0	.0	10.7		.5	.0	.0	.0	1.0	87.8	
12015	1.6	2.4	.8	.0	.0	.0	.0	.0	4.9		2.4	.8	.0	.0	.0	91.9	
18021	3.3	5.0	.0	.0	.0	.0	.0	.0	8.3		11.6	.8	.8	.0	.0	78.5	
TOT	17	24	3	0	0	0	0	0		44	18	2	1	2	2	464	531
PCT	3.2	4.5	.6	.0	.0	.0	.0	.0	8.3		3.4	.4	.2	.1	.4	87.4	

OCTOBER

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)					15	18	21	
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12				
N	2.2	5.9	.3	.0	*	.0	.0	8.3	6.0		13.3	8.9	9.3	8.1	4.9	6.4	6.9	8.8
NE	3.6	10.2	1.6	*	.2	.0	.0	15.7	6.9		11.4	20.1	19.9	14.4	12.1	14.2	14.8	12.4
E	1.9	8.0	2.0	.7	.2	.0	.0	12.8	9.0		20.5	9.8	10.7	12.0	12.9	15.5	15.2	11.4
SE	1.4	8.5	3.6	.7	.0	.0	.0	14.3	9.4		15.0	14.8	17.3	14.4	20.1	12.2	9.1	13.4
S	1.7	8.8	2.2	.5	.1	.0	.0	13.4	8.9		17.4	12.5	13.3	13.8	9.4	13.9	13.1	13.2
SW	2.0	7.1	2.1	.4	.0	.0	.0	11.6	8.1		7.6	9.1	9.0	11.4	13.4	16.2	13.3	13.2
W	.8	6.1	1.9	.2	.0	.0	.0	8.9	8.3		5.3	8.3	8.7	9.9	20.5	7.6	7.8	8.2
NW	1.3	5.7	.6	.0	.0	.0	.0	7.6	6.0		9.1	10.4	7.2	9.6	4.9	6.6	5.0	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
CALM	7.4	662	158	28	6	0	1098	7.4	7.4		1.5	6.1	4.6	6.6	1.8	7.4	14.8	11.8
TOT OBS	244	662	14.4	2.6	.5	.0	1098	100.0	7.4		66	132	241	167	56	148	135	153
TOT PCT	22.2	60.3									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40						00	03	06	09	12	15	18	21
N	5.3	2.9	.1	*	.0			8.3	6.0	10.4	8.8	6.0	7.9				
NE	9.5	5.5	.5	.1	.1			15.7	6.9	17.2	17.6	13.6	13.5				
E	5.8	5.2	1.4	.4	.0			12.8	9.0	13.4	11.2	14.8	13.2				
SE	4.9	7.9	1.3	.2	.0			14.3	9.4	14.5	16.1	14.3	11.4				
S	5.1	6.7	1.2	.2	.1			13.4	8.9	14.1	13.5	12.6	13.2				
SW	5.5	5.2	.9	.0	.0			11.6	8.1	8.6	10.0	15.4	13.3				
W	4.3	3.8	.8	.0	.0			8.9	8.3	7.3	9.2	11.2	6.3				
NW	5.4	2.1	*	.0	.0			7.6	6.0	10.0	8.1	6.1	6.3				
VAR	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	.0				
CALM	7.4	433	68	10	2		1098	7.4	7.4	4.5	5.4	5.9	13.2				
TOT OBS	585	39.4	6.2	.9	.2					198	408	204	288				
TOT PCT	53.3							100.0		100.0	100.0	100.0	100.0				

OCTOBER
 PERIOD: (PRIMARY) 1920-1965
 (OVER-ALL) 1906-1965
 AREA 0014 PAGODA POINT
 15.4N 53.1E

TABLE 4

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)					48+	MEAN	PCT FREQ	TOTAL OBS
				11-21	22-33	34-47	48+	49+				
00003	4.5	18.2	62.6	11.6	2.0	1.0	.0	7.3	100.0			198
06009	5.4	13.5	61.0	16.9	2.9	.2	.0	7.8	100.0			408
12015	5.9	15.2	60.8	15.2	2.5	.5	.0	7.4	100.0			204
18021	13.2	14.2	57.3	12.2	2.4	.7	.0	6.9	100.0			288
TOT	81	163	662	158	28	6	0	7.4				1098
PCT	7.4	14.8	60.3	14.4	2.6	.5	.0		100.0			

TABLE 5

WIND DIR	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)							TOTAL OBS
	0-2	3-4	5-7	8-6	OBSCD	MEAN CLOUD COVER		
N	1.6	1.4	3.9	.6		4.5		
NE	2.0	7.0	3.1	.6		4.2		
E	2.1	3.1	6.6	1.0		4.8		
SE	3.0	3.7	5.1	.7		4.4		
S	3.3	3.0	8.0	2.0		4.8		
SW	2.9	3.1	1.3	1.0		4.5		
W	1.0	1.7	4.9	4.9		6.1		
NW	1.3	2.0	5.0	.7		4.9		
VAR	.0	.0	.0	.0		.0		
CALM	1.7	1.1	.0	.6		3.0		
TOT OBS	33	46	75	21		175		
TOT PCT	18.9	26.3	42.9	12.0		100.0		

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT, NH > 4/8) AND OCCURRENCE OF NH < 5/8 BY WIND DIRECTION												
WIND DIR	000				150				300			
	000	149	299	599	000	149	299	599	300	599	999	600
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1900-1966

OCTOBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 7

CUMULATIVE PC: FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0
OR >5000	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
OR >3500	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
OR >2000	9.5	10.6	11.2	11.2	11.2	11.2	11.2	11.2
OR >1000	15.6	20.7	21.8	21.8	21.8	21.8	21.8	21.8
OR >600	17.3	25.1	26.3	26.8	26.8	26.8	26.8	26.8
OR >300	17.3	25.1	26.3	26.8	26.8	27.4	27.4	27.4
OR >150	17.3	25.1	26.3	26.8	26.8	27.4	27.4	27.4
OR >0	17.3	25.1	26.3	26.8	26.8	27.9	27.9	27.9
TOTAL	31	45	47	48	48	50	50	50

TOTAL NUMBER OF OBS: 179

PCT FREQ NH < 5/8: 72.1

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
3.5	13.1	23.7	17.2	12.6	7.6	11.1	4.5	4.5	2.0	198

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966

CCTOREP

AREA 0014, PACODA POINT
15.4N 93.1E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL GBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	
ND PCP	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.2	
TOT %	.0	.0	.0	.0	.2	.0	.0	.0	.0	.2	.4	
1/2<1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2	
ND PCP	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2	
TOT %	.0	.0	.0	.3	.1	.0	.0	.0	.0	.0	.4	
1<2	.0	.0	.0	.0	.4	.1	.1	.2	.0	.0	1.0	
ND PCP	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6	
TOT %	.0	.0	.0	.6	.4	.1	.1	.2	.0	.0	1.6	
2<5	.0	.2	.2	.0	.4	.0	.2	.0	.0	.0	1.0	
ND PCP	.2	.0	.3	.2	.1	.2	.4	.0	.0	.0	1.4	
TOT %	.2	.2	.5	.2	.5	.2	.6	.0	.0	.0	2.4	
5<10	.1	1.0	.5	.2	.9	1.1	.4	.2	.0	.0	4.3	
ND PCP	.8	3.8	1.4	3.2	3.4	3.8	2.6	.3	.0	.8	20.0	
TOT %	.9	4.7	1.9	3.4	4.3	4.8	3.0	.5	.0	.8	24.3	
10+	.2	.1	.1	.3	.4	.1	.2	.0	.0	.0	1.4	
ND PCP	7.6	13.2	10.2	8.0	8.3	7.5	6.0	6.3	.0	2.6	69.6	
TOT %	7.8	13.3	10.3	8.3	8.7	7.6	6.2	6.3	.0	2.6	70.9	
TOT OBS	8.9	18.2	12.6	12.7	14.3	12.7	9.9	7.0	.0	3.6	100.0	506
TOT PCT												

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966

OCTOBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	22+	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	
	TOT %	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.3	
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	4-10	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.1	
	11-21	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
	TOT %	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.3	
1<2	0-3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
	4-10	.0	.0	.0	.0	.2	.0	.1	.0	.0	.0	.4	
	11-21	.0	.0	.0	.4	.1	.0	.0	.1	.0	.0	.6	
	22+	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	
	TOT %	.0	.0	.0	.5	.4	.1	.1	.2	.0	.0	1.3	
2<5	0-3	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	
	4-10	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.4	
	11-21	.0	.1	.1	.3	.1	.1	.3	.0	.0	.0	1.0	
	22+	.0	.0	.1	.1	.2	.3	.2	.0	.0	.0	.3	
	TOT %	.1	.3	.4	.4	.4	.4	.4	.0	.0	.0	2.4	
5<10	0-3	.1	.6	.0	.3	.7	.9	.0	.0	.0	.6	3.2	
	4-10	.6	2.2	.8	1.3	.9	1.3	1.5	.1	.0	.0	8.7	
	11-21	.1	.4	.3	.6	1.2	.8	.5	.3	.0	.0	4.1	
	22+	.0	.0	.1	.1	.1	.2	.0	.0	.0	.0	.5	
	TOT %	.9	3.2	1.2	2.3	2.8	3.1	2.0	.4	.0	.6	16.5	
10+	0-3	1.9	3.7	1.7	1.5	1.3	1.0	.5	1.4	.0	5.5	18.6	
	4-10	5.4	5.8	7.0	7.1	7.9	5.4	5.1	5.5	.0	.0	53.3	
	11-21	.1	.5	.6	1.9	1.2	1.1	1.5	.2	.0	.0	7.2	
	22+	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	
	TOT %	7.4	14.1	9.4	10.6	10.4	7.5	7.1	7.1	.0	5.5	79.2	
TOT OBS													780
TOT PCT		8.4	17.6	11.3	14.1	14.2	11.2	9.7	7.6	.0	6.3	100.0	

OCTOBER

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966

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15.4N 93.1E

TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	1.6	4.6	17.5	4.8	4.8	1.6	.0	.0	34.9	65.1	63
06009	2.0	.0	.0	6.1	6.1	4.1	4.1	.0	.0	.0	22.4	77.6	49
12015	.0	.0	.0	4.5	9.1	9.1	4.5	2.3	.0	.0	29.5	70.5	44
18021	.0	.0	.0	2.9	2.9	8.6	.0	.0	.0	.0	14.7	85.3	34
TOT	1	0	1	9	19	12	7	2	0	0	51	139	190
PCT	.5	.0	.5	4.7	10.0	6.3	3.7	1.1	.0	.0	26.8	73.2	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	1.7	.0	.0	1.7	13.3	83.3	60
06009	2.1	.0	4.2	2.1	8.3	83.3	48
12015	.0	.0	.0	2.4	26.2	71.4	42
18021	.0	.0	3.2	.0	16.1	80.6	31
TOT	2	0	3	3	28	145	181
PCT	1.1	.0	1.7	1.7	15.5	80.1	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8), BY HOUR

HOUR (GMT)	< 150 < 50YD	< 600 < 1	1.7	8.3	28.3	63.3	60
00003	1.7	1.7	1.7	8.3	28.3	63.3	60
06009	4.2	4.2	4.2	12.5	14.6	72.9	48
12015	.0	.0	.0	7.1	23.8	69.0	42
18021	3.2	3.2	3.2	6.5	9.7	83.9	31
TOT	4	4	4	16	37	128	181
PCT	2.2	2.2	2.2	8.8	20.4	70.7	100.0

OCTOBER

AREA 0014, PAGODA POINT
15.4N 93.1E

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/94	.0	.0	.0	.0	.5	.0	.0	.0			1	.5
85/89	.0	.0	.0	.0	1.6	6.8	4.2	1.0			26	13.6
80/84	.0	.0	.0	.0	1.1	20.4	49.7	5.8			148	77.5
75/79	.0	.0	.0	.0	.0	.5	3.7	4.2			16	8.4
TOTAL	.0	.0	.0	.0	.7	53	110	21			191	100.0
PCT	.0	.0	.0	.0	3.7	27.7	57.6	11.0				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0
1.6	2.7	2.1	2.1	2.4	.7	.5	1.0	.0	.5	.5
3.8	16.0	8.2	11.1	12.6	8.0	7.9	5.8	.0	4.2	.5
1.4	.3	2.1	.3	.7	.9	1.6	.7	.0	.5	.5
6.8	19.5	12.4	13.5	15.6	9.6	9.9	7.5	.0	5.2	.5

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN		
00003	87	86	85	82	79	75	75	81.8		198
06009	91	90	87	83	79	77	75	83.3		408
12015	89	88	85	82	79	77	77	82.1		205
18021	86	85	84	82	79	77	75	81.5		296
TOT	91	88	86	82	79	77	75	82.3		1107

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										TOTAL OBS
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN			
00003	.0	.0	1.7	13.3	76.7	8.3	84			60
06009	.0	.0	6.2	36.9	50.8	6.2	80			65
12015	.0	.0	.0	35.9	54.4	7.7	81			39
18021	.0	.0	4.9	26.8	46.3	22.0	83			41
TOT	0	0	7	57	120	21	82			205

OCTOBER

PERIOD: (PRIMARY) 1920-1966
(OVER-ALL) 1906-1966

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	89	TOT	W FOG	WD FOG
9/10	.0	.0	.2	.2	.0	2	.0	.4
7/8	.0	.0	.2	.6	.0	4	.0	.8
6	.0	.0	.0	.2	.2	2	.0	.4
5	.0	.0	.5	.6	.0	7	.0	1.4
4	.0	.0	1.4	1.2	.2	.4	.0	2.8
3	.0	.0	.4	1.0	.0	7	.0	1.4
2	.0	.2	6.0	3.6	.0	49	.0	9.8
1	.0	.0	3.6	2.0	.0	28	.0	5.6
0	.0	.6	22.2	1.4	.0	121	.2	24.0
-1	.0	.6	13.2	.4	.0	71	.0	14.2
-2	.0	2.2	20.8	.2	.0	116	.2	23.0
-3	.0	2.8	1.8	.0	.0	23	.0	4.6
-4	.0	2.8	3.4	.0	.0	31	.0	6.2
-5	.4	2.4	1.8	.0	.0	23	.0	4.6
-6	.2	.2	.0	.0	.0	2	.0	.4
TOTAL	3	59	379	57	2	500	2	498
PCT	.6	11.8	75.8	11.4	.4	100.0	.4	99.6

PERIOD: (OVER-ALL) 1963-1966 OCTOBER AREA 0014 PAGODA POINT
 15.4N 93.1E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.7	.0	.0	.0	.0	1.7	3.4	6.8	.0	.0	.0	.0	10.1
1-2	1.7	2.5	1.3	.0	.0	.0	5.3	.0	3.4	.0	.0	.0	.0	3.4
3-4	.0	1.3	.0	.0	.0	.0	1.3	.0	2.1	1.7	.0	.0	.0	3.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.7	5.5	1.3	.0	.0	.0	8.4	3.4	12.2	1.7	.0	.0	.0	17.3

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	1.7	.0	.0	.0	.0	1.7	1.7	1.7	.0	.0	.0	.0	3.4
1-2	.0	5.1	1.7	.0	.0	.0	6.8	.4	5.9	.0	.0	.0	.0	6.3
3-4	.0	3.0	.0	.0	.0	.0	3.0	.0	2.1	.0	1.7	.0	.0	3.8
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	1.3	.0	.0	.0	.0	1.3	.0	.4	3.4	.0	.0	.0	3.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	11.0	1.7	.0	.0	.0	12.7	2.1	10.1	3.4	1.7	.0	.0	17.3

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT.)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	4.2	.0	.0	.0	.0	.0	4.2	.4	.0	.0	.0	.0	.0	.4
3-4	.0	3.0	7.6	.0	.0	.0	10.5	.0	.8	2.5	1.7	.0	.0	5.1
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	1.7
7	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.1	.0	.0	.0	3.8
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	4.2	3.0	7.6	.0	.0	.0	14.8	.4	2.5	6.3	1.7	.0	.0	11.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.7	.0	.0	.0	.0	1.7	.0	1.7	2.1	.0	.0	.0	3.8
3-4	.0	1.3	.0	.0	.0	.0	1.3	.0	5.1	.0	.0	.0	.0	5.1
5-6	.0	.0	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	3.0	3.0	.0	.0	.0	5.9	.0	6.8	2.1	.0	.0	.0	8.9

PERIOD: (OVER-ALL) 1963-1966

OCTOBER

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)								TOT DBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	11.3	12.9	.0	.0	.0	.0	24.2	
1-2	6.5	19.4	4.8	.0	.0	.0	30.6	
3-4	.0	17.7	11.3	3.2	.0	.0	32.3	
5-6	.0	.0	3.2	.0	.0	.0	3.2	
7	.0	3.2	6.5	.0	.0	.0	9.7	
8-9	.0	.0	.0	.0	.0	.0	.0	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	17.7	53.2	25.8	3.2	.0	.0	100.0	62

PERIOD: (OVER-ALL) 1949-1966

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	8.7	24.6	17.4	2.2	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	78	2
6-7	.0	1.4	8.7	3.6	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	4
8-9	.0	.0	.7	2.9	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	5
10-11	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	8
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	
>13	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	5
INDET	14.5	2.9	2.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29	1
TOTAL	32	40	41	15	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	138	3
PCT	23.2	29.0	29.7	10.9	6.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1922-1971
(OVER-ALL) 1906-1971

NOVEMBER

AREA 0014 PAGODA POIN"
15.5N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE			HAIL PCPN	PCT FREQ PCPN AT DB TIME	TOTAL PCPN GBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
			FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					PCPN	FOG WD	SMOKE HAZE	DUST BLWG SNOW	NO SIG WEA
N	.1	.0	.0	.0	.0	.0	.7		.1	.0	.0	.0	.0	23.5
NE	.8	.0	.0	.0	.0	.0	1.5		.3	.0	.0	.0	.0	26.9
E	.4	.0	.0	.0	.0	.0	1.4		.0	.0	.0	.0	.0	17.4
SE	.4	.0	.0	.0	.0	.0	.8		.2	.0	.0	.0	.0	8.6
S	.2	.0	.0	.0	.0	.0	.5		.2	.0	.0	.0	.0	4.3
SW	.1	.0	.0	.0	.0	.0	.3		.2	.0	.0	.0	.0	1.0
W	.0	.0	.0	.0	.0	.0	.1		.0	.0	.0	.0	.0	1.2
NW	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	6.3
VAR	.0	.0	.0	.0	.0	.0	.0		.2	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0		.6	.0	.0	.0	.0	4.2
TOT OBS	10	17	0	0	0	0	5.6	27	1.2	.0	.1	.0	.0	449
TOT PCT	2.1	3.5	.0	.0	.0	.0				.0	.2	.0	.0	93.3
														481

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN SHWR	DRZL PCPN	PRECIPITATION TYPE			HAIL PCPN	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS
			FRZG PCPN	SNOW PCPN	OTHER FRZN PCPN					PCPN	FOG WD	SMOKE HAZE	DUST BLWG SNOW	NO SIG WEA
00003	1.3	7.8	.0	.0	.0	.0	9.1		.0	.0	.0	.0	.0	90.9
06009	.5	2.8	.0	.0	.0	.0	3.4		.0	.0	.0	.0	.0	96.6
12015	2.6	.9	.0	.0	.0	.0	3.4		1.7	.0	.0	.0	.0	94.8
18021	4.1	4.1	.0	.0	.0	.0	8.1	27	3.3	.0	.8	.0	.0	89.4
TOT	10	17	0	0	0	0			6	0	1	0	0	460
PCT	2.0	3.5	.0	.0	.0	.0	5.5		1.2	.0	.2	.0	.0	93.5
														492

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TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KND-S)										TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47	48+	00	03	06	09				12	15	18	21				
N	1.7	16.4	3.8	.1	.0	.0	.0	28.0	26.9	23.6	22.1	24.0	17.6	16.8	22.7						
NE	2.2	19.9	7.2	.1	.0	.0	.0	22.0	33.7	35.8	31.0	30.3	26.5	24.3	25.0						
E	1.7	12.6	4.6	.5	.2	.0	.0	27.6	14.4	19.8	20.2	19.7	19.5	24.6	14.4						
SE	1.2	5.3	2.6	.4	.0	.0	.0	12.5	7.7	6.5	11.6	13.5	9.9	11.2	8.7						
S	.4	2.9	.9	.2	.0	.0	.0	1.7	6.3	4.0	2.7	6.3	6.2	4.3	5.2						
SW	.1	1.4	.3	.0	.0	.0	.0	1.3	.0	.2	3.4	1.0	3.1	3.2	2.4						
W	.3	.9	.2	.0	.0	.0	.0	1.3	1.9	.5	.3	.0	2.7	1.1	3.1						
NW	.8	4.2	.6	.0	.0	.0	.0	2.2	5.3	5.0	4.3	1.4	6.8	7.8	7.3						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CALM	6.0	6.0	20.4	1.5	2	0	1006	3.4	3.8	4.7	4.1	3.8	7.5	6.4	11.1						
TOT OBS	14.5	63.6	20.3	1.5	.2	.0	1006	58	104	215	146	52	146	141	144						
TOT PCT	14.4	63.6	20.3	1.5	.2	.0	1006	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)						
	0-6	7-16	17-27	28-40	00					03	06	09	12	15	18	21
N	9.6	11.8	.6	.1	.0	.0	22.1	8.0	27.3	23.0	19.3	19.8				
NE	11.6	16.4	1.3	*	.0	.0	29.3	9.5	29.5	33.9	27.5	24.8				
E	6.9	10.9	1.2	.6	.0	.0	19.6	9.4	19.1	19.9	19.6	19.5				
SE	3.4	4.8	1.3	*	.0	.0	9.5	9.4	9.4	8.6	10.9	9.9				
S	1.8	2.1	.6	.1	.0	.0	4.5	9.4	4.6	3.5	6.2	4.7				
SW	.9	.9	.1	.0	.0	.0	1.9	7.8	.5	1.5	2.5	2.8				
W	.6	.6	.1	.0	.0	.0	1.4	7.6	1.7	.4	2.0	2.1				
NW	3.5	1.9	.2	.0	.0	.0	5.6	6.5	4.2	4.8	5.4	7.5				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CALM	6.0	6.0	55	9	0	1006	6.0	8.0	3.7	4.4	6.6	8.8				
TOT OBS	446	496	55	9	0	1006	100.0	8.0	162	361	198	285				
TOT PCT	44.3	49.3	5.5	.9	.0	100.0	100.0	8.0	100.0	100.0	100.0	100.0				

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TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	WIND SPEED (KNOTS)				48+	PCT		TOTAL OBS
				11-21	22-33	34-47	48+		MEAN	FREQ	
00003	3.7	6.8	66.0	21.6	1.2	.6	.0	.0	8.4	100.0	162
06009	4.4	9.1	62.3	22.2	1.9	.0	.0	.0	8.4	100.0	361
12015	6.6	8.6	63.6	19.7	1.5	.0	.0	.0	7.9	100.0	198
18021	8.8	8.4	63.9	17.5	1.1	.4	.0	.0	7.5	100.0	285
TOT	60	85	640	204	15	2	0	0	8.0		1006
PCT	6.0	8.4	63.6	20.3	1.5	.2	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	DBSCB	TOTAL		MEAN CLOUD COVER
						DBS	OBS	
N	12.0	7.1	5.9	.0	.0			2.8
NE	9.0	11.2	7.5	1.3	.0			3.4
E	6.7	5.3	3.7	4.6	.0			4.2
SE	3.8	2.1	3.2	.5	.0			3.7
S	1.0	1.1	.0	.0	.0			2.5
SW	.0	.0	.2	.0	.0			6.0
W	.0	.0	.5	.0	.0			6.0
NW	4.0	2.7	.2	.0	.0			1.7
VAR	.0	.0	.0	.0	.0			.0
CALM	5.1	.6	.6	.0	.0			1.7
TOT OBS	65	47	34	10	156			3.2
TOT PCT	41.7	30.1	21.8	6.4	100.0			

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

	000	149	150	299	300	599	600	999	1000	1999	2000	3499	3500	4999	5900	6499	7999	8000+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.7
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.5
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.7
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	156
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

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TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)									
CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) OR >1	OR >1/2	OR >1/4	OR >50YD	OR >	
OR >6500	.0	.0	.0	.0	.0	.0	.0	.0	
OR >5000	.0	.0	.0	.0	.0	.0	.0	.0	
OR >3500	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
OR >2000	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
OR >1000	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	
OR >600	11.2	12.4	13.0	13.0	13.0	13.0	13.0	13.0	
OR >300	11.2	13.0	13.7	13.7	13.7	13.7	13.7	13.7	
OR >150	11.2	13.0	13.7	13.7	13.7	13.7	13.7	13.7	
OR >0	11.2	13.0	13.7	13.7	13.7	13.7	13.7	13.7	
TOTAL	18	21	22	22	22	22	22	22	

TOTAL NUMBER OF OBS: 161

PCT FREQ NH <5/8: 86.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)									
0	1	2	3	4	5	6	7	8	TOTAL OBS
15.6	18.3	19.4	22.2	9.4	6.1	3.3	2.2	2.8	.6 180

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TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

WSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
<1/2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1<2 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2<5 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5<10 NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10+ NO PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOT OBS	24.3	28.4	18.8	9.7	4.9	1.4	1.5	6.6	.0	4.4	100.0	481
TOT PCT												

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TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

WSRY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.2	.0	.1	.1	.3	.1	.0	.1	.0	.0	.8
	11-21	.0	.2	.3	.1	.0	.0	.0	.0	.0	.0	.5
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.2	.2	.3	.1	.3	.1	.0	.1	.0	.0	1.3
5<10	0-3	.1	.9	.1	.0	.0	.0	.1	.0	.0	.0	1.3
	4-10	1.4	2.0	1.5	.7	.6	.4	.3	.8	.0	.0	7.7
	11-21	.2	.9	.7	.6	.1	.0	.1	.0	.0	.0	2.6
	22+	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.4
	TOT %	1.7	3.9	2.6	1.4	.6	.4	.5	.8	.0	.0	11.9
10+	0-3	1.8	1.6	1.8	1.5	.6	.2	.3	1.0	.0	6.7	15.4
	4-10	10.3	17.3	10.9	4.5	2.0	.4	.3	3.5	.0	.0	55.1
	11-21	2.9	4.9	3.6	2.2	1.0	.2	.1	.1	.0	.0	14.8
	22+	.1	.1	.7	.1	.1	.0	.0	.0	.0	.0	1.0
	TOT %	21.1	23.8	16.9	8.3	3.6	.8	.6	4.5	.0	6.7	86.4
TOT OBS												771
TOT PCT		23.1	28.0	19.9	9.8	4.5	1.3	1.1	5.4	.0	6.7	100.0

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH > 4/8) AND
OCCURRENCE OF NH < 5/8 BY HOUR

HOUR (GMT)	000	000	150	300	500	1000	2000	3500	5000	6500	8000+	TOTAL	NH < 5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	2.1	6.4	6.4	.0	.0	.0	.0	.0	14.9	85.1	47
06009	.0	.0	.0	.0	.0	2.0	4.0	2.0	.0	.0	.0	8.0	92.0	50
12015	.0	.0	.0	.0	2.5	2.5	2.5	2.5	.0	.0	.0	10.0	90.0	40
18021	.0	.0	.0	.0	7.7	7.7	5.1	.0	.0	.0	.0	20.5	79.5	39
TOT	0	0	0	1	7	8	5	2	0	0	0	23	153	176
PCT	.0	.0	.0	.6	4.0	4.5	2.8	1.1	.0	.0	.0	13.1	86.9	100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	< 1/2	1/2 < 1	1 < 2	2 < 5	5 < 10	10+	TOTAL OBS
00003	.0	.0	.0	2.2	8.7	89.1	46
06009	.0	.0	.0	.0	2.2	97.8	45
12015	.0	.0	.0	.0	8.8	91.2	34
18021	.0	.0	.0	2.8	8.3	88.9	36
TOT	0	0	0	2	11	148	161
PCT	.0	.0	.0	1.2	6.8	92.9	100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH > 4/8) BY HOUR

HOUR (GMT)	< 150 < 5000	< 600 < 1	< 1000 < 5	< 1000+ AND 5+	NH < 5/8 AND 5+	TOTAL OBS
00003	2.2	4.3	8.7	6.5	84.8	46
06009	.0	.0	.0	8.9	91.1	45
12015	.0	.0	.0	8.8	91.2	34
18021	.0	.0	11.1	13.9	75.0	36
TOT	1	2	8	15	138	161
PCT	.6	1.2	5.0	9.3	85.7	100.0

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TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT FREQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
85/89	.0	.0	.0	.0	3.4	3.4	1.7	.0			15	8.6
80/84	.0	.0	.0	.0	8.0	39.4	29.1	4.0			141	30.6
75/79	.0	.0	.0	.0	.6	4.6	2.9	2.9			19	10.9
TOTAL	0	0	0	0	21	83	59	12			175	100.0
PCT	.0	.0	.0	.0	12.0	47.4	33.7	6.9				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP											TOTAL OBS	PCT FREQ
N	NE	E	SE	S	SW	W	NW	VAR	CALM			
2.0	3.1	1.7	.5	.0	.0	.0	.6	.0	.6			
18.1	26.7	17.7	8.6	1.4	.0	1.4	3.1	.0	3.4			
2.4	3.3	2.7	.7	.0	.1	1.0	.0	.0	.6			
22.6	33.1	22.1	9.9	1.4	.1	2.4	3.7	.0	4.6			

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR											TOTAL OBS
HOUR (GMT)	MAX	99%	95%	50%	5%	1%	MIN	MEAN			
00003	86	85	84	82	77	76	75	81.2			164
06009	89	88	86	82	79	77	75	82.5			361
12015	88	85	84	82	79	76	75	81.6			194
18021	86	84	84	81	78	77	73	80.9			285
TOT	89	88	85	82	78	77	73	81.7			1004

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR											TOTAL OBS
HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN				
00003	.0	.0	2.1	52.1	37.5	8.3	80				48
06009	.0	.0	26.9	44.2	25.0	3.8	76				52
12015	.0	.0	11.4	48.6	34.3	5.7	78				35
18021	.0	.0	8.9	44.4	37.8	8.9	79				45
TOT	0	0	23	85	60	12	78				180

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15.5N 03.1E

TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	73	77	81	85	TOT	W	MO
	76	80	84	88	FOG	FOG	FOG
7/8	.0	.0	.7	.2	4	.0	.9
5	.0	.0	1.8	.0	8	.0	1.8
4	.0	.2	1.8	1.5	16	.0	3.5
3	.0	.0	.7	.9	7	.0	1.5
2	.0	.7	4.0	.9	25	.0	5.5
1	.0	.2	3.7	2.2	28	.0	6.2
0	.0	2.0	23.8	1.3	123	.0	27.1
-1	.0	.7	10.6	.4	53	.0	11.7
-2	.0	4.4	17.2	.0	98	.0	21.6
-3	.0	2.2	2.4	.0	21	.0	4.6
-4	.0	5.3	5.9	.0	51	.0	11.2
-5	.2	2.6	.2	.0	14	.0	3.1
-6	.2	.2	.0	.0	2	.0	.4
-7/-8	.4	.4	.0	.0	4	.0	.9
TOTAL	4	86	330	34	454	0	454
PCT		18.9	72.7	7.5	100.0		100.0

NOVEMBER
TABLE 18

AREA 0014, PAGODA POINT
15.2N 93.1E

PERIOD: (OVER-ALL) 1963-1971

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	N										NE										48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT								
<1	1.4	1.1	.0	.0	.0	.0	2.5	.0	1.4	.0	.0	.0	.0	1.4								
1-2	1.1	11-2	.0	.0	.0	.0	12.3	.4	16.3	.0	.0	.0	.0	16.7								
3-4	.0	1.4	6.5	.0	.0	.0	8.0	.0	1.8	6.9	.0	.0	.0	8.7								
5-6	.0	.0	4.0	.0	.0	.0	4.0	.0	1.4	4.7	.0	.0	.0	6.2								
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
8-9	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	1.4								
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
TOT PCT	2.5	13.8	10.5	.0	.0	.0	26.8	.4	22.5	11.6	.0	.0	.0	34.4								

HGT	E										SE										48+	PCT
	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT								
<1	.0	2.9	1.4	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0								
1-2	.0	4.3	2.9	.0	.0	.0	7.2	.0	1.4	.0	.0	.0	.0	1.4								
3-4	.0	5.4	2.2	.0	.0	.0	7.6	.0	1.4	2.9	.0	.0	.0	4.3								
5-6	.0	1.4	.0	.0	.0	.0	1.4	.0	.0	1.4	.0	.0	.0	1.4								
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	1.4								
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	1.4								
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
TOT PCT	.0	14.1	6.3	.0	.0	.0	20.7	.0	4.3	4.3	1.4	.0	.0	10.1								

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	S				SW				PCT
	1-3	4-10	11-21	22-33	34-47	48+	48+	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	1.4	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.4	.0	.0	.0	.0	.0	.0	.0

HGT	NW				SW				PCT
	1-3	4-10	11-21	22-33	34-47	48+	48+	48+	
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0

PERIOD: (OVER-ALL) 1963-1971

NOVEMBER

AREA 0014 PAGODA POINT
15.5N 93.1E

TABLE 18 (CONT)

HGT	WIND SPEED (KTS) VS SEA HEIGHT (FT)							TOT OBS
	0-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	8.5	5.6	1.4	.0	.0	.0	15.5	71
1-2	1.4	32.4	2.8	.0	.0	.0	36.6	
3-4	.0	12.7	15.5	.0	.0	.0	28.2	
5-6	.0	4.2	11.3	.0	.0	.0	15.5	
7	.0	.0	1.4	.0	.0	.0	1.4	
8-9	.0	1.4	.0	1.4	.0	.0	2.8	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	
TOT PCT	9.9	56.3	32.4	1.4	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1971

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS AVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	6.2	22.5	24.8	5.4	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	78	3
6-7	.0	3.1	9.3	1.6	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	4
8-9	.0	.0	.0	.0	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	6
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	5
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0
INDET	9.3	5.4	2.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	129	1
TOTAL	20	40	78	13	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	23	3
PCT	15.5	31.0	37.2	10.1	3.9	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	0

DECEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

PERIOD: (PRIMARY) 1918-1970
(OVER-ALL) 1865-1970

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	OTHER WEATHER PHENOMENA						TOTAL OBS
				PCPN	FRZG	SNOW	OTHER				THDR LTNG	PCPN	HAZE	BLWG	DUST	SIG WEA	
N	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	28.7	
NE	1.0	.2	.0	.0	.0	.0	.0	.0	1.2	.0	.6	.0	.0	.0	.0	40.4	
E	.6	.0	.4	.0	.0	.0	.0	.0	1.0	.0	.3	.0	.0	.0	.0	14.3	
SE	.8	.2	.2	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	3.0	
S	.3	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.8	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	
NW	.0	.4	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	4.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	
TOT OBS	13	4	3	0	0	0	0	0	.0	20	5	0	0	0	0	427	450
TOT PCT	2.9	.9	.7	.0	.0	.0	.0	.0	4.4		1.1	.0	.0	.0	.0	94.9	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (GMT)	RAIN	RAIN SHWR	CR2L	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA						TOTAL OBS
				PCPN	FRZG	SNOW	OTHER FRZN PCPN					FOG	SMOKE	HAZE	BLWG	DUST	SIG WEA	
000603	3.0	1.5	.0	.0	.0	.0	.0	.0	4.5		1.5	.0	.0	.0	.0	.0	94.0	
060609	4.1	1.4	.7	.0	.0	.0	.0	.0	6.1		1.4	.0	.0	.0	.0	.0	93.2	
120615	2.9	1.0	1.0	.0	.0	.0	.0	.0	4.8		1.9	.0	.0	.0	.0	.0	94.2	
180221	1.5	.0	.7	.0	.0	.0	.0	.0	2.2	20	.0	.0	.0	.0	.0	.0	97.8	453
TOT	13	4	3	0	0	0	0	0	4.4		5	0	0	0	0	0	430	
PCT	2.9	.9	.7	.0	.0	.0	.0	.0			1.1	.0	.0	.0	.0	.0	94.9	

DECEMBER

PERIOD: (PRIMARY) 1918-1970
(COVER-ALL) 1865-1970

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)						TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)									
	0-3	4-10	11-21	22-33	34-47	48+				00	03	06	09	12	15	18	21		
N	1.5	22.7	7.3	.1	.0	.0	.0	31.6	8.7	20.7	31.8	32.3	37.4	28.7	30.4	28.4	34.4		
NE	2.3	32.8	9.3	.1	.0	.0	.0	44.4	8.4	40.4	48.2	46.5	40.9	43.1	39.2	45.9	46.6		
E	1.0	6.7	5.1	.7	.0	.0	.0	13.5	11.3	21.2	10.5	12.9	11.8	17.1	15.0	15.9	10.1		
SE	.1	2.0	.9	.6	.0	.0	.0	3.6	12.3	6.3	2.3	3.5	3.7	6.5	3.3	4.1	2.2		
S	.0	.2	.3	.1	.0	.0	.0	.6	15.4	3.8	.0	.5	1.0	1.9	.0	.0	.4		
SW	.0	.2	.0	.0	.0	.0	.0	.2	5.0	2.9	.0	.0	.0	.0	.0	.0	.4		
W	.2	.2	.0	.0	.0	.0	.0	.4	3.5	1.9	.0	.5	.0	.0	1.3	.4	.0		
NW	.8	3.0	.4	.0	.0	.0	.0	4.3	6.4	1.0	5.5	3.3	4.3	2.8	6.7	3.2	5.4		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	1.5	64.0	22.0	15	0	0	944	1.5	.0	1.9	1.8	.5	.8	.0	4.2	2.1	.7		
TOT OBS	69	67.8	23.3	1.6	.0	.0		100.0	8.9	52	110	202	127	54	120	140	139		
TOT PCT	7.3									100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)					41+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-6	7-16	17-27	28-40						00	03	06	09	12	15	18	21
N	9.4	21.4	.6	.1	.0	.0	31.6	8.7	28.2	34.3	29.9	31.4					
NE	16.0	26.6	1.8	.0	.0	.0	44.4	8.4	45.7	44.4	40.4	46.2					
E	3.0	6.9	3.3	.2	.0	.0	13.5	11.3	13.9	12.5	15.7	13.0					
SE	1.2	1.2	.9	.3	.0	.0	3.6	12.3	3.5	3.6	4.3	3.1					
S	.2	.1	.2	.1	.0	.0	.6	15.4	1.2	.7	.6	.2					
SW	.2	.0	.0	.0	.0	.0	.2	5.0	.9	.0	.0	.2					
W	.4	.0	.0	.0	.0	.0	.4	3.5	.6	.3	.9	.2					
NW	2.6	1.6	.1	.0	.0	.0	4.3	6.4	4.0	3.7	5.5	4.3					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CALM	1.5	54.7	65	.6	.0	944	1.5	.0	1.9	.6	2.9	1.4					
TOT OBS	326	57.9	6.9	.6	.0		100.0	8.9	162	329	174	279					
TOT PCT	34.5								100.0	100.0	100.0	100.0					

DECEMBER

PERIOD: (PRIMARY) 1918-1970
(OVER-ALL) 1865-1970

AREA -014 PAGODA POINT
15.4N 93.1E

TABLE 4

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	PCT FREQ	TOTAL OBS
00003	1.9	6.2	66.7	25.3	.0	.0	.0	8.8	100.0	162
06009	.6	5.2	64.1	28.0	2.1	.0	.0	9.5	100.0	329
12015	2.9	4.0	70.7	19.5	2.9	.0	.0	8.9	100.0	174
18021	1.4	7.5	71.0	19.0	1.1	.0	.0	8.1	100.0	279
TOT	14	55	640	220	15	0	0	8.9		944
PCT	1.5	5.8	67.8	23.3	1.6	.0	.0		100.0	

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)
BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8-10	CBSCD	TOTAL OBS	MEAN CLOUD COVER
N	13.5	4.1	5.5	.0	.0	19	2.5
NE	17.7	10.3	8.5	2.3	.0	32	3.0
E	7.1	2.5	5.3	6.2	.0	19	4.6
SE	2.0	.9	1.6	3.2	.0	5.7	5.2
S	.4	.5	.0	1.8	.0	2.7	6.2
SW	.4	.0	.7	.0	.0	1.1	4.6
W	.0	.0	.0	.0	.0	.0	.0
NH	2.3	.2	1.1	.0	.0	3.6	3.1
VAR	.0	.0	.0	.0	.0	.0	.0
CALM	1.4	.7	.0	.0	.0	2.1	1.6
TOT OBS	63	27	32	19	.0	141	3.5
TOT PCT	44.7	19.1	22.7	13.5	0.0	100.0	

TABLE 6

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT) NH >4/8
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	000	149	150	299	300	599	600	999	1000	1999	2000	3499	3500	4999	5000	6499	7999	8000+	NH <5/8	ANY HGT	TOTAL OBS
N	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.4	.7	.7	.0	.0	.0	.0	.0	.0	.7	20.9	141
NE	.0	.0	.0	.0	.0	.0	1.4	.7	2.5	2.5	2.1	.0	.0	.0	.0	.0	.0	.0	.7	35.1	100.0
E	.0	.0	.0	.0	.0	.0	.7	.7	1.8	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	15.1	141
SE	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	5.0	141
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.4	141
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	141
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	141
NH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	141
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	141
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	141
TOT OBS	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.16	100.0
TOT PCT	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	82.3

PERIOD: (PRIMARY) 1918-1970
(OVER-ALL) 1865-1970

DECEMBER

AREA 0014, PAGODA POINT
15.4N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH > 4/8) AND VSBY (NM)

CEILING (FEET)	OR >10	OR >5	OR >2	VSBY (NM) >1	OR >1/2	OR >1/4	OR >50YD	OR >0
OR >6500	.0	.7	.7	.7	.7	.7	.7	.7
OR >5000	.0	.7	.7	.7	.7	.7	.7	.7
OR >3500	.0	.7	.7	.7	.7	.7	.7	.7
OR >2000	4.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7
OR >1000	9.9	12.8	13.5	13.5	13.5	13.5	13.5	13.5
OR >600	11.3	15.6	17.0	17.0	17.0	17.0	17.0	17.0
OR >300	11.3	16.3	17.7	17.7	17.7	17.7	17.7	17.7
OR >150	11.3	16.3	17.7	17.7	17.7	17.7	17.7	17.7
OR >0	11.3	16.3	17.7	17.7	17.7	17.7	17.7	17.7
TOTAL	16	23	25	25	25	25	25	25

TOTAL NUMBER OF OBS: 141 PCT FREQ NH < 5/8: 82.3

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

	0	1	2	3	4	5	6	7	8	OBSCD	TOTAL OBS
	24.4	19.6	16.1	13.7	8.3	4.2	6.5	2.4	4.8	.0	168

PERIOD: (PRIMARY) 1918-1970
(OVER-ALL) 1865-1970

DECEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 8

PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL DBS
<1/2	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	PCP	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2
	ND PCP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.1	.1	.0	.0	.0	.0	.0	.0	.2	.2
2<5	PCP	.0	.4	.2	.0	.0	.0	.0	.0	.0	.7	.7
	ND PCP	.2	.2	.0	.0	.0	.0	.0	.0	.0	.4	.4
	TOT %	.2	.7	.2	.0	.0	.0	.0	.0	.0	1.1	1.1
5<10	PCP	.2	.7	.4	1.2	.1	.0	.0	.0	.0	3.1	3.1
	ND PCP	1.9	7.7	1.8	.7	.3	.1	.0	.2	.2	12.9	12.9
	TOT %	2.1	8.4	2.2	1.9	.4	.1	.0	.7	.2	16.0	16.0
10+	PCP	.0	.0	.2	.1	.2	.0	.0	.0	.0	.4	.4
	ND PCP	26.7	32.7	12.9	2.3	.4	.3	.9	4.5	1.3	82.2	82.2
	TOT %	26.7	32.7	13.1	2.4	.6	.3	.9	4.5	1.3	82.6	82.6
TOT DBS												
TOT PCT	29.0	41.9	15.7	4.3	1.1	.4	.9	5.2	.0	1.6	100.0	449

DECEMBER:

PERIOD: (PRIMARY) 1918-1970
(OVER-ALL) 1865-1970

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15.4N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1/2<1	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	TOT %	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	22+	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
	TOT %	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	4-10	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3
	11-21	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
	22+	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1
	TOT %	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.8	.8
5<10	0-3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4
	4-10	.9	3.4	.0	.5	.1	.1	.0	.4	.0	.0	5.5	5.5
	11-21	.4	1.6	1.2	.5	.1	.0	.0	.0	.0	.0	3.8	3.8
	22+	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.6	.6
	TOT %	1.3	5.3	1.5	1.3	.3	.1	.0	.4	.0	.1	10.3	10.3
10+	0-3	1.2	1.9	1.1	.1	.0	.0	.3	.8	.0	1.7	7.0	7.0
	4-10	22.1	30.0	6.0	1.4	.2	.2	.3	2.5	.0	62.7	62.7	62.7
	11-21	5.4	7.0	4.8	.7	.2	.0	.0	.2	.0	18.3	18.3	18.3
	22+	.1	.0	.1	.4	.1	.0	.0	.0	.0	.7	.7	.7
	TOT %	28.9	38.9	12.0	2.5	.5	.2	.6	3.5	.0	1.7	88.7	88.7
TOT OBS													711
TOT PCT		30.4	44.7	13.7	3.8	.8	.3	.6	3.9	.0	1.8	100.0	

PERIOD: (PRIMARY): 1918-1970
(OVER-ALL) 1865-1970

DECEMBER

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TABLE 10

PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND
OCCURRENCE OF NH <5/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599	600 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+	TOTAL	NH <5/8 ANY HGT	TOTAL OBS
00003	.0	.0	.0	2.6	7.7	7.7	.0	.0	.0	.0	17.9	82.1	39
06009	.0	.0	2.8	.0	16.7	2.8	.0	.0	.0	.0	22.2	77.8	36
12015	.0	.0	.0	5.3	2.6	7.9	.0	.0	.0	.0	15.8	84.2	38
18021	.0	.0	.0	4.0	2.0	.0	.0	.0	.0	2.0	8.0	92.0	50
TOT PCT	.0 .0	.0 .0	.1 .5	5 3.1	11 6.7	7 4.3	0 .0	0 .0	0 .0	.1 .6	25 15.3	138 84.7	163 100.0

TABLE 11

PERCENT FREQUENCY VSBY (NM) BY HOUR

HOUR (GMT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS
00003	.0	.0	.0	.0	5.7	94.3	35
06009	.0	.0	.0	3.1	6.3	90.6	32
12015	.0	.0	.0	.0	11.8	88.2	34
18021	.0	.0	.0	5.0	5.0	90.0	40
TOT PCT	.0 .0	.0 .0	.0 .0	3 2.1	10 7.1	128 90.8	141 100.0

TABLE 12

CUMULATIVE PCT FREQ OF RANGES OF VSBY (NM) AND/OR
CEILING HGT (FEET, NH >4/8) BY HOUR

HOUR (GMT)	<150 CEILING	<600 CEILING	<1000 AND 5+	1000+ AND 5+	NH <5/8 OBS	TOTAL OBS
00003	.0	.0	2.9	17.1	80.0	35
06009	.0	3.1	6.3	18.8	75.0	32
12015	.0	.0	5.9	11.8	82.4	34
18021	.0	.0	7.5	5.0	87.5	40
TOT PCT	0 .0	1 .7	3 5.7	18 12.8	115 81.6	141 100.0

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TABLE 13

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
	50-59	60-69	70-79	80-89	90-100	TOTAL OBS	PCT FREQ		
0-9	0.0	0.0	0.0	0.0	0.0	0	0.0		
10-19	0.0	0.0	0.0	0.0	0.0	0	0.0		
20-29	0.0	0.0	0.0	0.0	0.0	0	0.0		
30-39	0.0	0.0	0.0	0.0	0.0	0	0.0		
40-49	0.0	0.0	0.0	0.0	0.0	0	0.0		
50-59	0.0	0.0	0.0	0.0	0.0	0	0.0		
60-69	0.0	0.0	0.0	0.0	0.0	0	0.0		
70-79	0.0	0.0	0.0	0.0	0.0	0	0.0		
80-89	0.0	0.0	0.0	0.0	0.0	0	0.0		
90-99	0.0	0.0	0.0	0.0	0.0	0	0.0		
100-109	0.0	0.0	0.0	0.0	0.0	0	0.0		

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP									
	N	NE	E	SE	S	SW	W	NW	CALM
0-9	2.5	7.7	22.2	12.1	7.2	1.2	0.0	0.0	0.0
10-19	7.7	22.2	12.1	7.2	1.2	0.0	0.0	0.0	0.0
20-29	11.5	17.0	7.0	1.5	0.4	0.0	0.0	0.0	0.0
30-39	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40-49	22.4	39.9	19.7	8.6	1.6	0.9	0.6	4.5	0.0
50-59									1.8

TABLE 15

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
	U-29	30-59	60-69	70-79	80-89	90-100	MEAN		
0000	0.0	2.4	9.8	36.6	41.5	9.8	79		
0100	0.0	4.7	16.3	51.2	27.9	0.0	75		
0200	0.0	0.0	16.7	50.0	27.8	0.0	78		
0300	0.0	0.0	20.4	44.4	29.6	5.6	77		
0400	0.0	0.0	28	79	55	0	77		
TOT	0	3	28	79	55	0	77		

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR									
	U-29	30-59	60-69	70-79	80-89	90-100	MEAN		
0000	0.0	2.4	9.8	36.6	41.5	9.8	79		
0100	0.0	4.7	16.3	51.2	27.9	0.0	75		
0200	0.0	0.0	16.7	50.0	27.8	0.0	78		
0300	0.0	0.0	20.4	44.4	29.6	5.6	77		
0400	0.0	0.0	28	79	55	0	77		
TOT	0	3	28	79	55	0	77		

PERIOD: (PRIMARY) 19-8-1970
(OVER-ALL) 18-5-1970

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TABLE 17

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69	73	77	81	85	TOT	W FOG	W FOG
9/10	.0	.0	.0	.2	.0	1	.0	.2
7/6	.0	.0	.2	.2	.0	2	.0	.5
6	.0	.0	.0	.0	.2	1	.0	.2
5	.0	.0	.2	.5	.7	6	.0	1.4
4	.0	.2	1.4	1.9	.7	18	.0	4.2
3	.0	.0	.2	.2	.5	4	.0	.9
2	.0	.0	3.8	3.3	.0	30	.0	7.1
1	.0	.2	1.9	2.1	.0	18	.0	4.2
0	.0	1.6	7.5	12.7	.0	93	.0	21.9
-1	.0	.0	6.1	3.8	.2	43	.0	10.1
-2	.0	2.8	14.1	6.6	.5	102	.0	24.0
-3	.0	.2	4.0	.7	.0	21	.0	4.9
-4	.0	3.5	7.8	1.2	.0	53	.0	12.5
-5	.0	2.1	1.9	.2	.0	18	.0	4.2
-6	.0	.5	.0	.0	.0	2	.0	.5
-7/-8	.0	.9	.7	.2	.0	8	.0	1.9
-9/-10	.5	.5	.2	.0	.0	5	.0	1.2
TOTAL	2	213	144	12	12	425	0	425
PCT	.5	12.7	50.1	33.9	2.8	100.0		100.0

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REF ID: A62-1979

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

Year	1-3	4-10	11-21	22-33	34-47	48+	PCT
1970	0.0	5.7	0.0	0.0	0.0	0.0	5.7
1971	0.0	20.0	0.0	0.0	0.0	0.0	20.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	2.4	0.0	0.0	0.0	0.0	2.4
1974	0.0	1.9	0.0	0.0	0.0	0.0	1.9
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	1-3	4-10	11-21	22-33	34-47	48+	PCT	SE
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	1.9	2.4	0	0	0	0	0
13	0	0	1.9	0	0	0	0	0
14	0	0	0	1.9	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	1.9	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0

PERIOD: (OVER-ALL) 1963-1970

DECEMBER

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	S					SW					PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33		34-47	48+
<1	.0	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	1.9
1-2	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT	.0	1.4	2.9	.0	.0	.0	.0	1.9	.0	.0	.0	.0	1.9

HGT	NW					SW					PCT		
	1-3	4-10	11-21	22-33	34-47	48+	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-6	.0	.0	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	1.9
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.0	1.9	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	1.9

PERIOD: (OVER-ALL) 1963-1970

DECEMBER

AREA 0014, PAGODA PCINT
15.4N 93.1E

TABLE 18 (CONT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)

HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	TOT OBS
<1	3.7	11.1	.0	.0	.0	.0	14.8	
1-2	.0	31.5	7.4	.0	.0	.0	38.9	
3-4	1.9	7.4	14.8	.0	.0	.0	24.1	
5-6	.0	9.3	3.7	1.9	.0	.0	14.8	
7	.0	1.9	.0	1.9	.0	.0	3.7	
8-9	.0	1.9	.0	1.9	.0	.0	3.7	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	.0	.0	.0	.0	.0	.0	.0	
17-19	.0	.0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	.0	.0	
87+	.0	.0	.0	.0	.0	.0	.0	54
TOT PCT	5.6	63.0	25.9	5.6	.0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (F:) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3--	5-6	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	7.8	22.5	21.7	4.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74
6-7	.0	.0	12.4	7.8	2.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30
8-9	.0	.0	.0	.8	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6
10-11	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3
12-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
>13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
INDEX	7.0	2.3	1.6	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16
TOTAL	19	32	49	18	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	129
PC	14.7	24.8	38.0	14.0	3.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0

ANNUAL

PERIOD: (PRIMARY) 1915-1971
(OVER-ALL) 1855-1971AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 1

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

WIND DIR	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA				TOTAL OBS		
				FRZG PCPN	SNOW	OTHER PCPN	FGG SMOKE					HAZE	BLWG	DUST	NO			
NE	.1	.1	.0	.0	.0	.0	.0	.0	.2		.1	.1	.0	.0	.0	17.0		
N	.3	.1	.0	.0	.0	.0	.0	.0	.4		.2	.0	.0	.0	.0	12.9		
E	.2	.1	.0	.0	.0	.0	.0	.0	.3		.1	.0	.0	.0	.0	4.6		
SE	.2	.2	.0	.0	.0	.0	.0	.0	.4		.1	.0	.0	.0	.0	3.6		
S	.5	.4	.1	.0	.0	.0	.0	.0	1.0		.1	.0	.0	.0	.0	7.8		
SW	2.4	1.7	.5	.0	.0	.0	.0	.0	4.6		.4	.0	.0	.2	.0	21.0		
W	.8	.5	.1	.0	.0	.0	.0	.0	1.4		.1	.0	.0	.0	.0	10.0		
NW	.2	.2	.0	.0	.0	.0	.0	.0	.4		.0	.0	.0	.0	.0	10.9		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	1.9		
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	1.9		
TOT OBS	283	191	58	0	0	0	0	0	*	531	63	14	14	26	*	3	5529	6150
TOT PCT	4.7	3.2	1.0	.0	.0	.0	.0	.0	8.8		1.0	.2	.2	.4	*	*	89.8	

TABLE 2

PERCENTAGE FREQUENCY OF WEATHER OCCURRENCE BY HOUR

HOUR (CUT)	RAIN	RAIN SHWR	DRZL	PRECIPITATION TYPE				HAIL	PCT FREQ PCPN AT DB TIME	TOTAL PCPN OBS	THDR LTNG	OTHER WEATHER PHENOMENA					SIG WEA	TOTAL OBS
				PC-N	FRZG	SNOW	OTHER FRZN PCPN					FNG	SMOKE	DUST	BLWG	DUST		
0000	3.0	5.0	1.1	.0	.0	.0	.0	.0	8.9		.6	.2	.5	.1	.1	89.9		
0600	4.9	3.5	1.0	.0	.0	.0	.0	.0	9.4		.2	.1	.4	.0	.0	89.8		
1200	5.1	1.9	.7	.0	.0	.0	.0	.0	7.7		1.2	.3	.3	.0	.0	90.9		
1800	5.1	3.2	1.0	.0	.0	.0	.0	.0	9.3	546	2.7	.3	.5	.0	.0	87.7	6273	
TOT	288	201	58	0	0	0	0	0	8.9		69	14	28	3	3	5630		
PCT	4.7	3.3	.9	.0	.0	.0	.0	.0			1.1	.2	.4	*	*	89.6		

ANNUAL

PERIOD: (PRIMARY) 1915-1971
(OVER-ALL) 1955-1971

AREA 0014 PACODA POINT
15.4N 93.1E

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WIND DIR	WIND SPEED (KNOTS)					48+	TOTAL OBS	PCT FREQ	MEAN SPD	HOUR (GMT)							
	0-3	4-10	11-21	22-33	34-47					00	03	06	09	12	15	18	21
N	1.8	11.5	3.2	.1	*	.0	16.6	8.0	17.0	16.3	17.9	18.4	16.5	15.1	14.8	16.1	
NE	1.9	9.3	2.4	*	*	.0	13.6	7.0	11.3	15.7	15.7	13.0	13.1	12.2	13.0	12.2	
E	.6	3.2	1.2	.2	*	.0	5.4	8.0	7.0	4.7	5.2	5.7	4.9	5.9	5.7	4.6	
SE	.5	2.4	.9	.2	*	.0	4.1	8.5	4.1	3.9	4.0	4.7	4.9	4.1	3.5	3.8	
S	.8	4.2	2.7	.5	*	.0	8.2	9.2	9.5	7.6	8.5	7.6	9.2	8.6	8.1	8.0	
SW	1.3	9.3	11.4	3.3	.2	*	25.3	9.2	24.4	24.9	24.7	24.2	26.9	25.4	26.2	26.4	
W	1.1	6.6	3.5	.7	*	*	12.0	8.8	13.6	11.6	10.6	11.8	13.6	12.4	12.6	12.4	
NW	1.4	8.3	1.4	.1	.0	.0	11.2	8.1	11.1	11.9	10.4	11.9	8.9	12.3	10.2	12.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALC	3.5	71.8	34.9	67.9	34	1	13007	3.5	13.9	3.3	3.1	2.6	1.8	4.0	5.8	4.1	
TOTAL OBS	1706	54.9	26.8	5.1	.3	*	100.0	100.0	69.9	1482	2767	1917	708	1760	1763	1911	
TOTAL PCT	12.9						100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TABLE 3A

WIND DIR	WIND SPEED (KNOTS)										HOUR (GMT)					
	0-6	7-16	17-27	28-40	41+	TOTAL OBS	PCT FREQ	MEAN SPD	00	03	06	09	12	15	18	21
N	6.7	9.2	.7	*	.0	16.6	8.0	16.6	16.6	16.6	18.1	15.5	15.5	15.5	15.5	15.5
NE	6.3	6.8	.4	*	*	13.6	7.0	13.6	14.3	14.3	14.6	12.5	12.5	12.5	12.7	12.7
E	2.1	2.6	.6	.1	.0	5.4	8.0	5.4	5.5	5.5	5.4	5.6	5.6	5.6	5.2	5.2
SE	1.7	1.9	.5	.1	.0	4.1	8.5	4.1	4.0	4.0	4.3	4.3	4.3	4.3	3.7	3.7
S	2.4	4.3	1.3	.1	*	8.2	9.2	8.2	8.2	8.2	8.1	8.7	8.7	8.7	8.0	8.0
SW	4.5	12.5	7.4	.8	*	25.3	9.2	25.3	24.8	24.8	24.5	25.9	25.9	25.9	26.3	26.3
W	4.3	5.9	1.6	.2	*	12.0	8.8	12.0	12.1	12.1	11.1	17.7	17.7	17.7	12.5	12.5
NW	5.5	5.3	.4	*	.0	11.2	8.1	11.2	11.6	11.6	11.0	11.3	11.3	11.3	11.3	11.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALC	3.5	62.9	16.9	178	6	13007	3.5	13.9	2.9	2.9	2.9	3.4	3.4	3.4	4.9	4.9
TOTAL OBS	4848	48.6	12.9	1.3	*	100.0	100.0	100.0	2181	4684	2468	3674	3674	3674	3674	3674
TOTAL PCT	37.1					100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

AREA 0014 PAGODA POINT
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PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (5-MT)

HOUR	CALM	WIND SPEED (KNOTS)				48+	MEAN	PCT FREQ	TOTAL OBS	
		1-3	4-10	11-21	22-33					
0603	2.9	8.6	56.0	28.6	3.4	.5	.0	9.5	100.0	2181
0615	2.9	9.2	53.5	28.2	6.0	.2	.0	9.8	100.0	4684
0630	3.4	9.2	55.1	26.4	5.7	.2	.0	9.6	100.0	2468
0645	4.9	15.0	55.9	24.4	4.6	.2	*	9.0	100.0	3674
0700	4.8	12.8	71.8	34.9	6.79	.34	1	9.5	100.0	13007
0715	3.5	9.3	54.9	26.8	5.1	.3	*	9.5	100.0	2181

WIND DIR	0-2	3-4	5-7	8-16	TOTAL OBS	MEAN COVER	000 149	150 299	300 599	900 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+ ANY	<5/8 ANY	TOTAL OBS
N	10.1	3.0	2.1	.4		3.7	.0	.0	.0	*	.5	.7	.1	.0	.0	.0	.4.3	
NE	6.9	3.6	1.5	.7		2.7	.0	.0	.0	.2	.4	.3	.1	.1	.0	.1	12.7	
E	1.1	1.5	1.2	1.2		2.2	.0	.0	.1	.4	.8	.3	*	.0	.0	.0	3.9	
SE	1.0	1.2	1.4	.6		3.9	.0	.0	.1	.7	.4	.1	*	.1	.0	*	3.1	
S	.4	1.7	4.8	3.5		4.9	*	.0	.2	.8	2.4	1.1	.9	.0	.0	.1	5.8	
SW	2.5	3.2	10.7	9.6		4.4	.0	.2	.6	2.7	5.6	2.8	.9	.2	.0	.1	13.0	
W	2.5	2.4	3.7	2.9		4.2	.1	.0	.2	.6	1.4	.9	.4	.1	.0	*	7.7	
NW	4.3	1.9	2.1	.5		4.2	.0	.0	.0	.1	.8	.3	.1	.0	.0	.0	8.2	
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALC	1.8	.6	.4	*		2.4	.0	.0	*	.0	.0	.0	.0	.0	.0	.0	.0	
TOT CWS	560	329	516	341	1746	4.2	2	3	20	92	218	108	46	.8	.0	.5	1244	1746
TOT PCT	32.6	18.6	29.3	19.4	100.0		.1	.2	1.2	5.2	12.3	6.3	2.6	.4	.0	.3	71.3	100.0

PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT-NH >4/8)
AND OCCURRENCE OF NH <5/8 BY WIND DIRECTION

WIND DIR	0-2	3-4	5-7	8 & 16SCD	TOTAL OBS	MEAN COVER	000 149	000 299	300 599	900 999	1000 1999	2000 3499	3500 4999	5000 6499	6500 7999	8000+ ANY	<5/8 ANY	TOTAL OBS
N	10.1	3.0	2.1	.4		3.7	.0	.0	.0	*	.5	.7	.1	.0	.0	.0	.4.3	
NE	6.9	3.6	1.5	.7		2.7	.0	.0	.0	.2	.4	.3	*	.1	.0	.1	12.7	
E	1.1	1.5	1.5	1.2		2.2	.0	.0	.1	.4	.8	.3		.0	.0	.0	3.9	
SE	1.0	1.2	1.4	.6		3.9	.0	.0	.1	.7	.4	.1	*	.1	.0	*	3.1	
S	.4	1.7	4.8	3.5		4.9	*	.0	.2	.8	2.4	1.1	.9	.0	.0	.1	5.8	
SW	2.5	3.2	10.7	9.6		4.4	.0	.2	.6	2.7	5.6	2.8	.9	.2	.0	.1	13.0	
W	2.5	2.4	3.7	2.9		4.2	.1	.0	.2	.6	1.4	.9	.4	.1	.0	*	7.7	
NW	4.3	1.9	2.1	.5		4.2	.0	.0	.0	.1	.8	.3	.1	.0	.0	.0	8.2	
VAR	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALC	1.8	.6	.4	*		2.4	.0	.0	*	.0	.0	.0	.0	.0	.0	.0	.0	
TOT CDS	560	329	516	341	1746	4.2	2	3	20	92	218	108	46	.8	.0	.5	1244	1746
TOT PCT	32.6	18.6	29.3	19.4	100.0		.1	.2	1.2	5.2	12.3	6.3	2.6	.4	.0	.3	71.3	100.0

PERIOD: (PRIMARY) 1915-1971
(OVER-ALL) 1855-1971

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AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

CEILING (FEET)	VSBY (NM)									
	OR >10	OR >5	OR >2	OR >1	OR >1/2	OR >1/4	OR >50YD	OR >0		
OR >6500	.3	.3	.3	.3	.3	.3	.3	.3		
OR >5000	.7	.9	.9	.9	.9	.9	.9	.9		
OR >3500	2.5	3.2	3.3	3.6	3.6	3.6	3.6	3.6		
OR >2000	7.0	9.1	9.6	9.8	9.8	9.8	9.8	9.8		
OR >1000	15.2	20.6	21.7	22.2	22.2	22.2	22.2	22.2		
OR >600	17.2	25.0	26.3	27.2	27.2	27.2	27.2	27.2		
OR >300	17.6	25.9	27.1	28.3	28.3	28.4	28.4	28.4		
OR >150	17.6	25.9	27.8	28.4	28.5	28.6	28.6	28.6		
OR >0	17.6	25.9	27.8	28.4	28.5	28.6	28.6	28.6		
TOTAL	310	458	491	501	503	506	506	506		

TOTAL NUMBER OF OBS: 1778

PCT FREQ NH <5/8: 71.5

TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

										TOTAL
0	1	2	3	4	5	6	7	8	DBSCD	OBS
18.8	13.8	16.6	13.5	8.9	6.4	7.7	4.7	9.2	.4	2029

PERIOD: (PRIMARY) 1915-1971
(COVER-ALL) 1855-1971

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AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 8
PERCENT FREQ OF WIND DIRECTION VS OCCURRENCE OR NON-OCCURRENCE OF
PRECIPITATION WITH VARYING VALUES OF VISIBILITY

VSBY (NM)	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL Obs
PCP	*	*	.0	.0	.0	.1	*	*	.0	*	.2	
NC PCP	.0	.0	.0	.0	*	.0	.0	.0	.0	.0	*	
TOT %	*	*	.0	.0	*	.1	*	*	.0	*	.2	
PCP	.0	.0	*	*	*	*	*	.0	.0	.0	.1	
NC PCP	*	*	.0	*	*	.1	*	*	.0	*	.2	
TOT %	*	*	.0	*	*	.1	*	*	.0	*	.3	
PCP	*	*	*	.0	.1	.5	.1	*	.0	.0	.8	
NC PCP	.1	.1	*	*	.1	.2	.1	*	.0	.0	.7	
TOT %	.1	.1	.1	*	.2	.7	.2	.1	.0	.0	1.4	
PCP	*	.1	.1	*	.1	.7	.3	*	.0	.0	1.3	
NC PCP	.1	*	.1	*	.1	.4	.2	.1	.0	.0	1.0	
TOT %	.1	.1	.1	*	.2	1.1	.5	.1	.0	.0	2.3	
PCP	.1	.3	.2	.3	.5	2.6	.7	.2	.0	*	4.9	
NC PCP	2.8	2.8	.8	1.0	2.3	8.3	2.6	2.3	.0	.3	23.3	
TOT %	2.9	3.1	1.0	1.2	2.8	10.9	3.3	2.6	.0	.4	28.2	
PCP	*	*	*	.1	.2	.8	.2	.1	.0	.0	1.5	
NC PCP	14.3	10.2	3.8	2.6	5.4	12.4	7.3	8.5	.0	1.6	66.0	
TOT %	14.3	10.2	3.9	2.7	5.6	13.2	7.5	8.6	.0	1.6	67.6	
TOT OBS	17.4	13.5	5.1	4.0	8.9	26.1	11.6	11.4	.0	2.0	100.0	6148

PERIOD: (PRIMARY) 1915-1971
(OVER-ALL) 1855-1971

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AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 9

PERCENT FREQ OF WIND DIRECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

WSR/ (NM)	SPD KTS	N	NE	E	SE	S	SW	W	NW	VAR	CALM	PCT	TOTAL OBS
<1/2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	*
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	*
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	*
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	.1	.1
	TOT %	.0	.0	.0	.0	.0	.1	.0	.0	.0	*	.2	.2
1/2<	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	.1
	4-10	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	.1
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	.1
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0	*	*	.1
	TOT %	.0	.0	.0	.0	.0	.1	.0	.0	.0	*	.3	.3
1<2	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
	4-10	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2
	11-21	.0	.0	.0	.0	.1	.3	.1	.0	.0	.0	.0	.5
	22+	.0	.0	.0	.0	.2	.2	.1	.0	.0	.0	.0	.3
	TOT %	.1	.1	.0	.0	.2	.6	.1	.1	.0	.0	.0	1.2
2<5	0-3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
	4-10	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.0	.5
	11-21	.0	.0	.0	.0	.1	.5	.2	.0	.0	.0	.0	.8
	22+	.0	.0	.0	.1	.3	1.6	.5	.1	.0	.0	.0	3.1
	TOT %	.1	.1	.1	.1	.3	2.2	.5	.1	.0	.0	.0	4.6
5<10	0-3	.3	.4	.1	.1	.2	.2	.1	.2	.0	.2	.2	1.8
	4-10	1.4	1.3	.4	.4	.7	2.1	1.1	1.3	.0	.0	.0	8.7
	11-21	.3	.4	.2	.3	.8	4.3	1.3	.3	.0	.0	.0	7.8
	22+	.0	.0	.1	.1	.2	1.5	.3	.0	.0	.0	.0	2.2
	TOT %	2.0	2.1	.7	.8	1.9	8.3	2.7	1.7	.0	.2	.2	20.5
15+	0-3	1.4	1.4	.6	.5	.9	.9	.8	1.1	.0	3.0	10.3	26.2
	4-10	11.0	9.3	2.7	2.0	3.3	6.3	5.5	7.2	.0	.0	46.2	161.3
	11-21	2.5	1.7	.9	.6	1.8	5.9	2.0	.9	.0	.0	16.3	47.9
	22+	.0	.0	.1	.1	.2	1.2	.2	.0	.0	.0	1.9	3.1
	TOT %	14.9	11.4	4.3	3.2	5.8	14.3	8.6	9.2	.0	3.0	74.8	237.7
TOT OBS													9596
TOT PCT		17.1	13.8	5.2	4.2	8.3	25.0	12.1	11.1	.0	3.2	100.0	

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PERIOD: PRIMARY 1955-1971
(COVER-ALL) 1855-1971

AREA 0014, PIGGODA POINT
15.4N 93.1E

TABLE 13

TEMP F	PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP										TOTAL OBS	PCT REQ
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100				
90/99	.0	.0	.0	.0	.2	.1	.1	.0			7	.4
85/89	.0	.0	.0	.1	1.1	6.6	4.4	.4			254	12.6
80/84	.0	.0	.0	.6	3.9	17.7	34.3	7.1			1298	63.5
75/79	.0	.0	.0	.2	2.7	9.0	6.8	4.4			469	23.1
70/74	.0	.0	.0	.0	.1	.2	.1	.0			8	.4
65/69	.0	.0	.0	.0	.0	.1	.2	.1			239	100.0
60/64	.0	.0	.0	.0	.0	.0	.0	.0			2036	
PCT	.0	.0	.0	.9	8.0	33.5	45.7	11.9				

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP										
N	NE	E	SE	S	SW	W	NW	VAR	CALM	
.0	.1	.0	.0	.1	.2	.1	.0	.0	.0	
1.0	.7	.4	.7	.5	4.6	2.2	1.1	.0	.3	
6.3	8.5	3.6	3.5	7.0	19.5	7.8	5.4	.0	1.9	
7.2	6.3	1.5	.3	.6	2.8	1.4	2.6	.0	.5	
.3	.0	*	.0	.0	.0	.0	.0	.0	.0	
14.9	15.6	5.5	4.5	9.2	27.0	11.6	9.1	.0	2.7	

TABLE 15

MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR										
HOUR	MAX	99%	95%	50%	5%	1%	MIN	MEAN	TOTAL OBS	
(GMT)										
0000	90	85	84	81	77	75	70	80.8	2178	
0500	93	88	86	82	78	75	73	82.4	4644	
1000	90	86	84	81	78	75	70	81.1	2454	
1500	90	84	83	81	77	75	70	80.3	3672	
TOT	93	87	85	81	78	75	70	81.3	12948	

TABLE 16

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR										
HOUR	0-29	30-39	60-69	70-79	80-89	90-100	MEAN	TOTAL OBS		
(GMT)										
0000	.0	.4	5.4	27.9	55.6	10.7	82	534		
0500	.0	2.6	12.3	41.8	35.1	8.2	78	592		
1000	.0	.3	8.1	35.0	44.8	11.9	81	449		
1500	.0	.4	5.9	29.6	47.4	16.8	82	524		
TOT	0	19	170	714	952	244	80	2099		

PERIOD: (PRIMARY) 1915-1971
 (OVER-ALL) 1855-1971

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AREA 0014 PACODA POINT
 15.4N 93.1E

TABLE 17

PCT FREQ JF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
 VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA TMP DIF	69 72	73 76	77 80	81 84	85 88	89 92	>92	TOT	W FOG	W FOG
11/13	.0	.0	.0	.0	.0	.0	.0	0	.0	.0
9/10	.0	.0	.0	.1	.1	*	.0	16	.0	.3
7/8	.0	.0	*	.2	.2	*	.0	29	.0	.5
6	.0	.0	.0	*	*	.1	.0	8	.0	.1
5	.0	.0	.3	.7	.5	.1	*	92	*	1.6
4	.0	.1	.5	1.9	1.2	.3	.0	236	*	4.0
3	.0	.0	.1	.3	.6	.1	.0	66	.0	1.1
2	.0	.2	1.5	6.1	2.2	.1	.0	589	*	10.1
1	.0	.1	.6	3.1	1.2	*	.0	287	.0	5.0
0	.0	1.2	4.6	19.4	2.5	.1	.0	1607	.1	27.7
-1	.0	.1	3.0	6.3	.7	.0	.0	623	*	10.6
-2	.1	1.3	6.8	13.2	.6	*	.0	1276	*	22.0
-3	.0	.3	2.3	1.5	.1	.0	.0	241	*	4.1
-4	.1	1.5	3.7	2.9	*	.0	.0	471	.0	8.3
-5	.1	.7	1.3	.6	*	.0	.0	157	.0	2.7
-6	*	.2	.3	.0	.0	.0	.0	28	.0	.5
-7/-8	.1	.4	.3	.1	.0	.0	.0	52	.0	.9
-9/-10	.1	.1	.1	.0	.0	.0	.0	14	.0	.3
-11/-13	.0	.1	.0	.0	.0	.0	.0	2	.0	.1
TOTAL	28	348	1467	3296	604	50	1	5794	13	5781
PCT	.5	6.1	25.3	57.1	10.2	.8	*	100.0	.2	99.8

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TABLE 18

PERIOD: (OVER-ALL) 1963-1971

AREA OC14, PAGODA POINT
15.4N 93.1E

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.3	2.5	.1	.0	.0	.0	3.0	.4	1.6	.0	.0	.0	.0	2.1
1-2	.4	6.1	.7	.0	.0	.0	7.2	.2	5.4	.0	.0	.0	.0	6.1
3-4	.0	2.8	1.3	.0	.0	.0	4.1	.1	2.2	1.5	.0	.0	.0	3.9
5-6	.3	.3	.8	.0	.0	.0	1.5	*	.3	1.2	.0	.0	.0	1.6
7	.0	.0	1.1	.0	.0	.0	.1	.0	.2	*	.0	.0	.0	.2
8-9	.0	.0	.2	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	1.0	11.9	3.3	.0	.0	.0	16.2	.8	9.8	3.3	.0	.0	.0	14.0

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.0	.9	.1	.0	.0	.0	1.0	.1	.3	*	.0	.0	.0	.5
1-2	.1	1.6	.5	.0	.0	.0	2.2	.1	1.1	.4	.0	.0	.0	1.5
3-4	.0	1.1	.7	.0	.0	.0	1.8	.0	.3	.4	.1	.0	.0	.8
5-6	.0	.4	.1	.0	.0	.0	.5	.0	.2	.4	.2	.0	.0	.5
7	.0	.1	.0	.0	.0	.0	.3	.0	*	.5	.0	.0	.0	.3
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.1	4.0	1.5	.2	.0	.0	5.8	.2	1.9	1.7	.6	.0	.0	4.4

PERIOD: (OVER-ALL) 1963-1971

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AREA 0014, PAGODA POINT
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TABLE 18

PCT FREQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.1	.4	.1	.0	.0	.0	.6	.3	1.3	.0	.0	.0	.0	1.6
1-2	.5	2.2	1.0	.0	.0	.0	5.8	.6	2.9	1.2	.0	.0	.0	4.7
3-4	.1	1.6	2.1	.2	.0	.0	4.1	.0	2.2	4.9	.2	.0	.0	7.4
5-6	.0	.3	1.5	.1	.0	.0	1.9	.0	1.3	4.0	1.2	.0	.0	6.5
7	.0	.0	.6	.1	.0	.0	.7	.0	.1	1.7	.5	.0	.0	2.3
8-9	.0	.1	.0	.0	.0	.0	.1	.0	.0	.9	.0	.0	.0	.9
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.3
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	.0	.0	.8
13-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.8	4.6	5.4	.4	.0	.0	11.2	.9	7.8	13.0	2.9	.0	.0	24.5

HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.3	1.9	.0	.0	.0	.0	2.2	.4	1.6	.0	.0	.0	.0	2.1
1-2	.1	3.8	1.2	.0	.0	.0	5.2	.1	3.5	.6	.0	.0	.0	7.1
3-4	.1	1	1.7	.0	.0	.0	3.3	.0	1.2	.3	.0	.0	.0	1.5
5-6	.0	.1	1.8	.0	.0	.0	1.9	.0	.2	.3	.0	.0	.0	.1
7	.0	.0	.2	.2	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0
8-9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13-16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20-22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33-40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41-48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71-86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOT PCT	.6	7.3	4.9	.2	.0	.0	13.0	.6	6.4	1.2	.0	.0	.0	8.2

PERIOD: (OVER-ALL) 1963-1971

ANNUAL

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 18 (CENT)

WIND SPEED (KTS) VS SEA HEIGHT (FT)										TOT OBS
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT			
<1	6.3	10.5	.4	.0	.0	.0	17.2			
1-2	2.2	25.9	6.0	.0	.0	.0	34.2			
3-4	.6	12.5	12.8	.5	.0	.0	26.3			
5-6	.3	3.0	10.0	1.5	.0	.0	14.9			
7	.0	.4	3.2	1.0	.0	.0	4.5			
8-9	.0	.3	1.1	.3	.0	.0	1.6			
10-11	.0	.0	.0	.3	.0	.0	.3			
12	.0	.0	.3	.5	.0	.0	.8			
13-16	.0	.0	.0	.1	.0	.0	.1			
17-19	.0	.0	.0	.0	.0	.0	.0			
20-22	.0	.0	.0	.0	.0	.0	.0			
23-25	.0	.0	.0	.0	.0	.0	.0			
26-32	.0	.0	.0	.0	.0	.0	.0			
33-40	.0	.0	.0	.0	.0	.0	.0			
41-48	.0	.0	.0	.0	.0	.0	.0			
49-60	.0	.0	.0	.0	.0	.0	.0			
61-70	.0	.0	.0	.0	.0	.0	.0			
71-86	.0	.0	.0	.0	.0	.0	.0			
87+	.0	.0	.0	.0	.0	.0	.0			
TOT PCT	9.4	52.6	33.7	4.2	.0	.0	100.0			704

PERIOD: (OVER-ALL) 1949-1970

TABLE 19

PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	6.2	20.2	16.0	4.7	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	703	3
6-7	.0	2.2	8.5	8.9	4.3	1.4	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	380	5
8-9	.0	.4	1.0	1.9	1.9	2.3	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	136	7
10-11	.0	.1	.4	.2	.7	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34	6
12-13	.0	.0	.1	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7
>13	.0	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	6
INDET	6.8	3.2	2.1	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	203	2
TOTAL	187	373	415	258	130	80	14	14	3	0	0	0	0	0	0	0	0	0	0	1471	4
PCT	13.0	26.0	28.2	17.2	8.6	5.1	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	

PERIOD: (PRIMARY) 1915-1971
(OVER-ALL) 1855-1971

TABLE 20

AREA 0014 PAGODA POINT
15.4N 93.1E

PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEG F) BY MONTH

SEA TMP DEG F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	PCT
96+	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
95/96	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
93/94	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
91/92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
89/90	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
87/88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
85/86	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83/84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81/82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79/80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77/78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75/76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73/74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71/72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69/70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67/68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65/66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63/64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61/62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59/60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57/58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55/56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53/54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51/52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49/50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47/48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
45/46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
43/44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
41/42	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39/40	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
37/38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
35/36	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
33/34	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31/32	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29/30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27/28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
<27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	921	1008	1252	1138	1053	998	1094	1156	987	1074	876	902	12449	100.0
MEAN	78.2	78.3	80.4	83.2	84.6	82.9	82.2	81.3	82.1	82.8	79.7	79.7	81.5	

PERIOD: (PRIMARY) 1915-1971
(OVER-ALL) 1655-1971

AREA 0014 PAGODA POINT
15.4N 93.1E

TABLE 21

PRESSURE (MG)

AVERAGE BY HOUR (GMT)

MO	0000	0300	0600	0900	1200	1500	1800	2100	MEAN	TOTAL OBS
JAN	1013	1013	1013	1011	1012	1012	1013	1011	1012	494
FEB	1012	1013	1013	1011	1011	1012	1012	1011	1012	507
MAR	1011	1012	1012	1009	1010	1010	1011	1010	1011	550
APR	1009	1010	1010	1007	1008	1009	1009	1008	1009	501
MAY	1006	1008	1007	1005	1006	1006	1007	1006	1007	554
JUN	1005	1006	1005	1003	1004	1005	1006	1004	1005	502
JUL	1005	1005	1004	1002	1004	1003	1006	1003	1004	511
AUG	1006	1007	1006	1004	1005	1005	1006	1005	1005	521
SEP	1006	1009	1007	1004	1005	1005	1008	1004	1006	439
OCT	1010	1011	1010	1008	1009	1009	1010	1009	1009	525
NOV	1011	1012	1011	1009	1010	1011	1011	1010	1011	469
DEC	1012	1013	1013	1011	1012	1011	1013	1011	1012	438
ANN	1009	1010	1009	1007	1008	1008	1009	1008	1008	6011
OBS	696	219	1439	736	703	699	756	763		

PERCENTILES

MO	MIN	1%	5%	25%	50%	75%	95%	99%	MAX
JAN	1006	1007	1008	1011	1013	1014	1016	1017	1018
FEB	1004	1006	1008	1011	1012	1014	1016	1017	1019
MAR	1004	1005	1006	1009	1011	1012	1014	1016	1019
APR	1002	1003	1005	1007	1009	1010	1013	1014	1016
MAY	998	999	1001	1005	1007	1009	1011	1012	1014
JUN	998	998	1000	1003	1005	1007	1009	1012	1015
JUL	994	996	998	1001	1004	1006	1009	1011	1012
AUG	993	994	999	1004	1005	1007	1010	1012	1014
SEP	997	999	1001	1004	1006	1008	1010	1012	1013
OCT	1001	1002	1004	1007	1010	1011	1014	1016	1017
NOV	1003	1005	1006	1009	1011	1012	1014	1015	1016
DEC	1004	1005	1008	1010	1012	1014	1016	1018	1019

VOLUME	AREA	AREA NUMBER	CENTRAL LOCATION
1	1	TONKIN GULF	19.5°N 108.0°E
	2	DA NANG	15.7°N 109.5°E
	3	NHA TRANG	12.5°N 110.0°E
	4	SAIGON	9.3°N 107.3°E
2	5	SOUTHEAST GULF OF SIAM	9.3°N 103.7°E
	6	NORTH GULF OF SIAM	12.0°N 101.0°E
	7	SOUTHWEST GULF OF SIAM	9.0°N 101.0°E
3	8	KUALA TRENGGANU	5.5°N 104.4°E
	9	ENDAU	2.6°N 104.9°E
	10	SOUTH MALACCA STRAIT	2.1°N 102.0°E
	11	NORTH MALACCA STRAIT	6.0°N 99.0°E
4	12	VICTORIA POINT	10.0°N 96.3°E
	13	RANGCON	14.3°N 96.5°E
	14	PAGODA POINT	15.7°N 93.3°E